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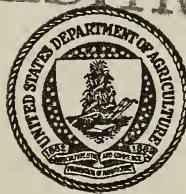
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Directory
of the
**Bureau of Entomology and
Plant Quarantine**
1937

AUGUST 1937

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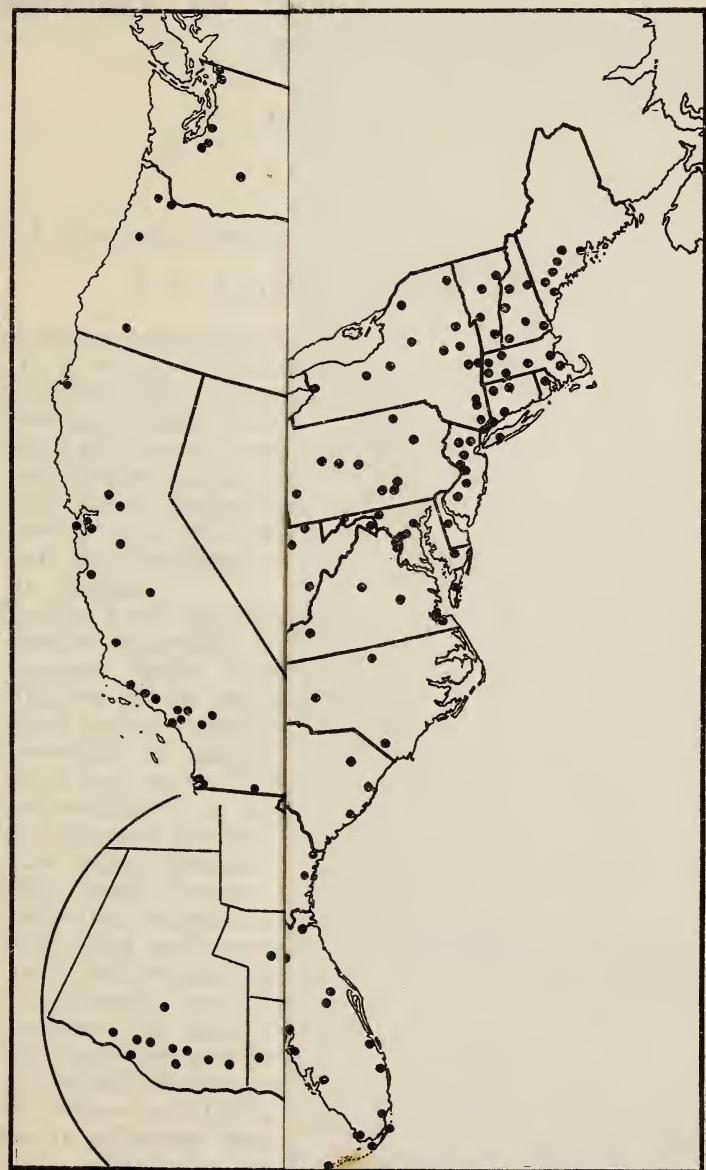


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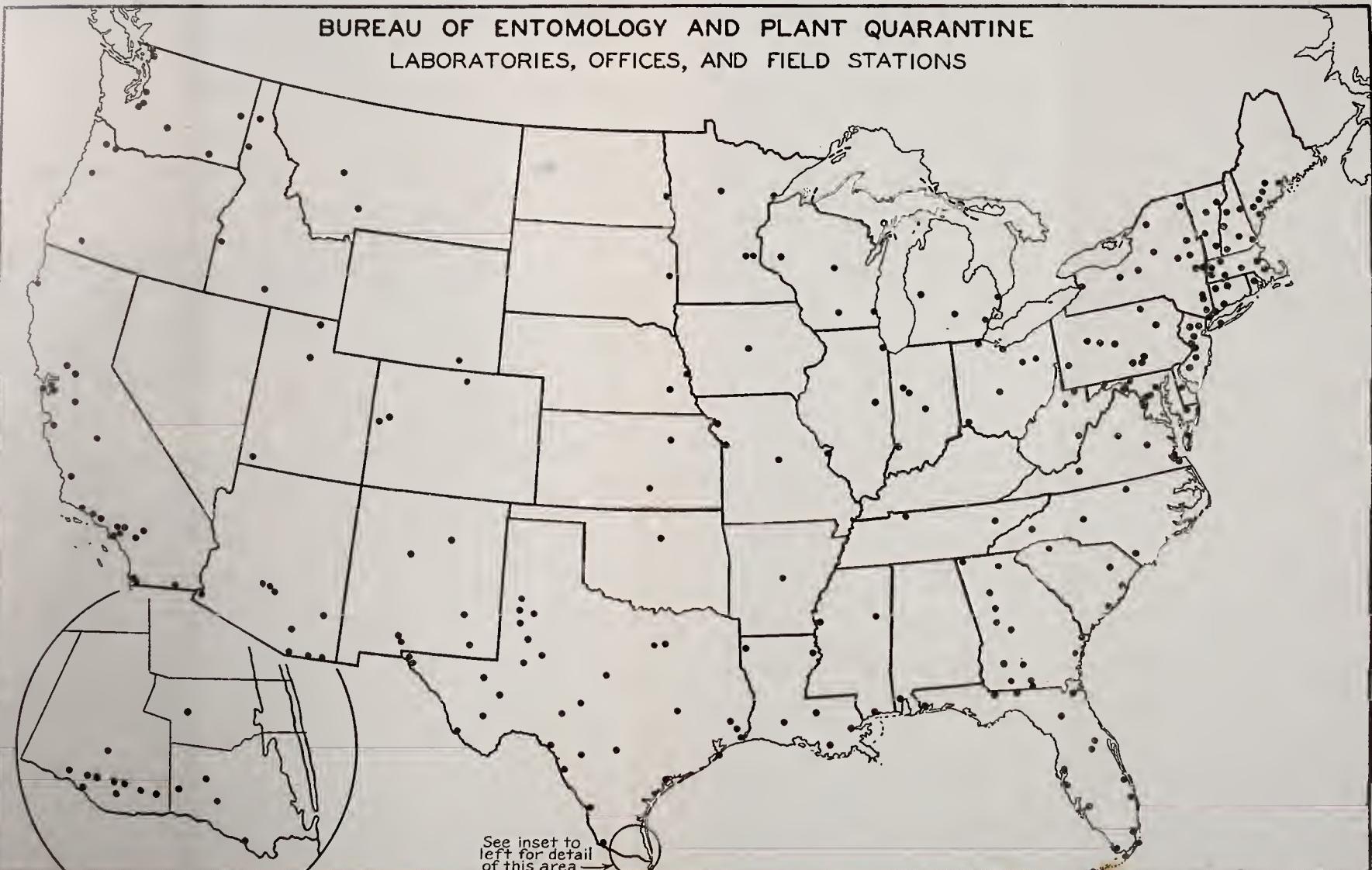
United States Department of Agriculture
Bureau of Entomology and Plant Quarantine

This directory is issued for the information of anyone interested in the activities of the Bureau of Entomology and Plant Quarantine. It gives a brief statement of the functions of the Bureau and its several divisions, with the names and addresses of the administrative leaders. A list of laboratories, offices, and field headquarters is arranged alphabetically by States and, in addition to the name of the man in charge and the address, a brief statement is given of the work conducted in each case. A personnel index and a division index will be found on the last pages of the directory.



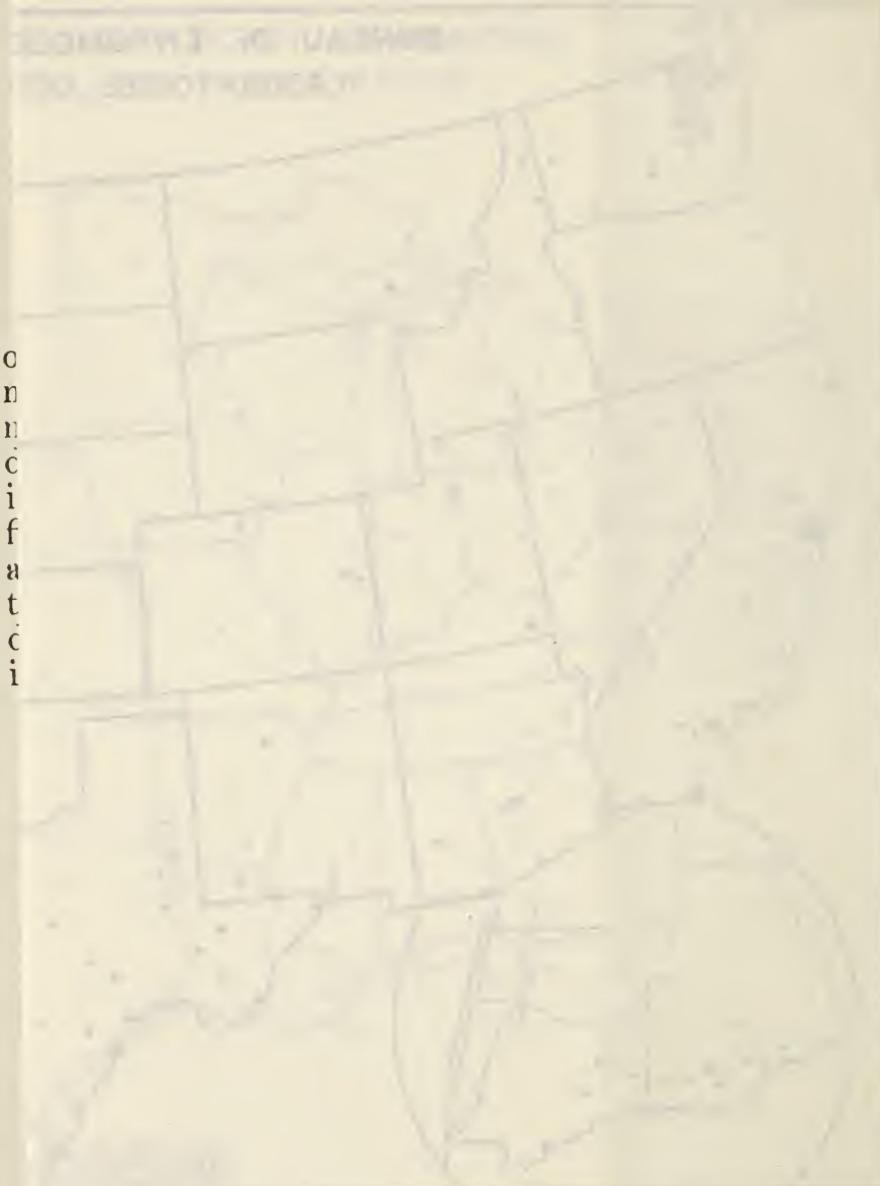
-37 (Face p. 2 Cover)

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
LABORATORIES, OFFICES, AND FIELD STATIONS



СОВЕТСКАЯ АРМЕЯ
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DIRECTORY OF THE BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

ORGANIZATION

LEE A. STRONG, *Chief*

S. A. ROHWER, *Assistant Chief* A. S. HOYT, *Assistant Chief*

P. N. ANNAND, *Special Research Assistant*

Business administration.—F. H. SPENCER, business manager; B. CONNOR, assistant business manager.

Editorial office.—ROLLA P. CURRIE, entomologist, in charge.

Library.—MABEL COLCORD, associate librarian, in charge.

Insect pest survey and information.—J. A. HYSLOP, principal entomologist, in charge.

Fruit insect investigations.—D. L. VAN DINE, principal entomologist, in charge.

Fruit fly investigations.—A. C. BAKER, principal entomologist, in charge.

Mexican fruit fly control.—P. A. HOIDALE, principal plant quarantine inspector, in charge.

Japanese beetle control.—E. G. BREWER, principal administrative officer, in charge.

Forest insect investigations.—F. C. CRAIGHEAD, principal entomologist, in charge.

Gypsy and brown-tail moth control.—A. F. BURGESS, principal entomologist, in charge.

Plant disease control.—S. B. FRACKER, principal plant quarantine administrator, in charge.

Cereal and forage insect investigations.—C. M. PACKARD, principal entomologist, in charge.

Truck crop and garden insect investigations.—W. H. WHITE, principal entomologist, in charge.

Cotton insect investigations.—R. W. HARNED, principal entomologist, in charge.

Pink bollworm and thurberia weevil control.—R. E. McDONALD, principal administrative officer, in charge.

Bee culture.—J. I. HAMBLETON, principal apiculturist, in charge.

Insects affecting man and animals.—F. C. BISHOPP, principal entomologist, in charge.

Screwworm control.—W. E. DOVE, principal entomologist, in charge.

Insect identification.—C. F. W. MUESEBECK, principal entomologist, in charge.

Foreign parasite introduction.—C. P. CLAUSEN, principal entomologist, in charge.

Control investigations.—L. A. HAWKINS, principal physiologist, in charge.

Insecticide investigations.—R. C. ROARK, principal chemist, in charge.

Foreign plant quarantines.—E. R. SASSER, principal entomologist, in charge.

Domestic plant quarantines.—B. M. GADDIS, principal plant quarantine administrator, in charge.

FIELD OF WORK

The Bureau of Entomology and Plant Quarantine is concerned with investigations on insects and their economic relations; the development and application of methods for their eradication or control; the carrying out, in cooperation with the States, of necessary work to prevent the spread and to control or eradicate insect pests and plant diseases that have gained more or less limited foothold in the United States; and the utilization of those species that are beneficial. These activities include investigations on and direction of control campaigns against the species injurious to agriculture, horticulture, and arboriculture; investigations on the species affecting the health of man and animals, or infesting human habitations or injurious to industries; the culture and use of honeybees and beekeeping practices; investigations on the natural enemies of insects and plant pests and the possibility of using these as aids for control; the taxonomy, anatomy, physiology, and responses of insects; chemical and other problems relating to the composition, action, and application of insecticides; and the development of methods of manufacturing insecticides and materials used with them.

To aid in carrying out these assignments and to protect agriculture from plant pests and diseases, the Bureau is responsible for the enforcement of the following acts and restrictive orders promulgated thereunder: The Plant Quarantine Act of 1912, as amended; the Insect Pest Act of 1905; the act of 1922 governing the importation of adult honeybees; the act providing for the Mexican border inspection and control service; the act providing for export certification to meet sanitary requirements of foreign countries for plants and plant products; the Terminal Inspection Act of 1915 (in cooperation with the Post Office Department).

LEE A. STRONG, Chief of Bureau, Room 5865, South Building, United States Department of Agriculture, Washington, D. C. Telephone, District 6350, extensions 2745 and 2746.

- S. A. ROHWER, Assistant Chief of Bureau, Room 5853, South Building. Telephone, District 6350, extensions 2977 and 2986.
 A. S. HOYT, Assistant Chief of Bureau, Room 5853, South Building. Telephone, District 6350, extensions 4491 and 2983.
 P. N. ANNAND, Special Research Assistant, Room 5862, South Building. Telephone, District 6350, extension —.

FUNCTIONS OF DIVISIONS

For convenience of administration of its various activities, the Bureau is divided into a number of functional divisions. The names, headquarters, and activities of these follow.

BUSINESS ADMINISTRATION

Room 5845, South Building. Telephone, District 6350, extension 2980.

This Division is responsible for the business operations of the Bureau. These activities include recording and auditing expenditures; the appointment of employees and recording of all personnel transactions; the purchase of property, supplies, and equipment, and the maintenance of property records; the handling of claims for personal injury or damage to private or Government property; the preparation of leases; the maintenance of files and handling of mail; and the preparation of the budget of estimates of expenditures. The work is divided into the following main units: Accounts, audits, personnel, property and supplies, mail and files, claims and leases, and budget. F. H. SPENCER, business manager, in charge; B. CONNOR, assistant business manager.

EDITORIAL OFFICE

Room 6328, South Building. Telephone, District 6350, extension 4302.

The editorial office is responsible for the editorial review and editing of scientific, technical, semitechnical, and popular manuscripts submitted for publication by the Department or other agencies. It issues all requests for printing, and arranges for the publication of manuscripts published by the Department. ROLLA P. CURRIE, entomologist, in charge; J. P. SCHUMACHER, first assistant.

LIBRARY

Rooms 1417-1431, South Building. Telephone, District 6350, extension 2982.

The functions of the library unit are to maintain an extensive collection of books on all phases of entomology; to preserve and index special record material such as the exten-

sive collection of photographs of entomologists; to prepare indexes of entomological literature and bibliographies on special subjects; and to do other work related to publications on entomology. To aid the workers it issues, under the title "Entomology Current Literature", a bimonthly list of the principal accessions to the library. MABEL COLCORD, associate librarian, in charge; I. L. HAWES, first assistant.

INSECT PEST SURVEY AND INFORMATION

Room 6840, South Building. Telephone, District 6350, extensions 2991 and 2992.

This Division keeps a file of records on insect pests, noting seasonal abundance, distribution, and damage, and issues a monthly bulletin and an annual summary on insect conditions. It handles routine inquiries on insect pests and regulatory matters which can be largely answered by sending publications. It edits notices of plant quarantines and restrictive orders, Service and Regulatory Announcements of the Bureau, and the Bureau News Letter. It issues all requests for duplicating and photographic work, and maintains the mailing lists of the Bureau. The office has general charge of illustrations and exhibits and of the distribution of entomological and regulatory information. J. A. HYSLOP, principal entomologist, in charge; R. C. ALTHOUSE, first assistant.

FRUIT INSECT INVESTIGATIONS

Room 5330, South Building. Telephone, District 6350, extension 2987.

The functions of this Division are concerned with investigations on and the development of control measures for insects, including Japanese and Asiatic beetles, affecting fruits, fruit trees, nuts, grapes, and those small fruits which have their seeds internally, such as blueberries and cranberries. Headquarters for these investigations are in Washington, but practically all of the operations are carried on at field laboratories maintained in the principal fruit and nut growing regions of the country. D. L. VAN DINE, principal entomologist, in charge; B. A. PORTER, first assistant.

MEXICAN FRUIT FLY CONTROL

503 Rio Grande National Life Building, Harlingen, Tex. Telephone, 592.

To prevent reinfestation by the Mexican fruit fly in the lower Rio Grande Valley in Texas and to perpetuate and maintain the eradication results which have already been effected, involving the maintenance of a host-free period dur-

ing the summer months; inspection of citrus groves and certification of fruits leaving the quarantined area; and the enforcement of other regulatory measures necessary to eradicate this pest in the United States. P. A. HOIDALE, principal plant quarantine inspector, in charge; N. O. BERRY, first assistant.

JAPANESE BEETLE CONTROL

Glenwood Avenue and Henry Street, Bloomfield, N. J. Telephone, Bloomfield 24-900.

This Division is concerned with quarantine and control activities designed to prevent the spread of the Japanese beetle, and the enforcement of Federal and/or State quarantines on the brown-tail and gypsy moths, European corn borer, satin moth, and the eradication of the Dutch elm disease. The activities are carried on in cooperation with the States concerned and involve the application of control measures in cases of isolated infestations of the Japanese beetle, removal and destruction of diseased trees, the inspection and certification of products regulated by the various quarantines, supervision of nurseries and greenhouses, and the maintenance of road patrols on the border of regulated zones to prevent the movement of uncertified quarantined articles. E. G. BREWER, principal administrative officer, in charge; Wm. MIDDLETON, first assistant.

FRUIT FLY INVESTIGATIONS

Calzada Mexico-Tacuba 295, Colonia Anahuac, Mexico, D. F. Telephone, Ericsson 63277.

The functions of this Division are concerned with investigations on the biology and methods of controlling certain important fruit flies, to provide information that will aid in preventing them from entering the mainland of the United States, and the development of methods for their control in event they should gain entrance and become established. These studies are carried on in the regions where these flies are native or are well established. The headquarters for the investigations are at Mexico City, Mexico. Investigations are carried on in Mexico, Hawaii, Puerto Rico and the Canal Zone. A. C. BAKER, principal entomologist, in charge; W. E. STONE, first assistant.

FOREST INSECT INVESTIGATIONS

Room 6235, South Building. Telephone, District 6350, extension 2832.

Investigations of the insects which injure forest, shade, and ornamental trees and shrubs and crude and finished forest

products. These include leaf-eating insects, bark beetles, insects that bore into living or dead trees or logs, and also those that damage lumber and wood that has already been utilized in the construction of buildings or in manufactured articles. Special studies are being made of introduced forest pests, such as the gypsy moth, brown-tail moth, satin moth, beech scale, and the insects associated with the Dutch elm disease.

An important function of the Division is its cooperative work with such forest administrative agencies as the Forest Service, Park Service, and Bureau of Indian Affairs, to whom it acts as technical adviser in insect-control projects. F. C. CRAIGHEAD, principal entomologist, in charge; L. W. ORR, first assistant.

GYPSY AND BROWN-TAIL MOTH CONTROL

20 Sanderson Street, Greenfield, Mass. Telephone, 3648.

To exterminate the gypsy moth in the present restricted areas in Pennsylvania, New Jersey, and New York; to maintain a barrier zone throughout which an effort will be made to locate and exterminate all colonies as a means of preventing the westward spread of this insect—such zone comprising a strip of territory 20 to 30 miles wide along the western border of the New England States and the eastern border of New York from Long Island Sound to Canada. A. F. BURGESS, principal entomologist, in charge; S. S. CROSSMAN, first assistant.

PLANT DISEASE CONTROL

Room 4829, South Building. Telephone, District 6350, extension 4368.

In cooperation with the affected States and Federal agencies, this Division undertakes the eradication or control of plant diseases of major economic importance, such as the white pine blister rust and the black stem rust of grain. This is accomplished by surveys to determine their occurrence, by the destruction of the diseased plants or the alternate host plants to effect their eradication or control, by the improvement and development of better control measures, and by leadership, technical direction, and supervision, to coordinate the control activities of the several cooperating agencies. The essential features of this work consist of the cooperative eradication of currant and gooseberry plants to control the white pine blister rust in the important white pine forest regions of the country, and the eradication of barberry and mahonia plants in cooperation with 17 grain-growing States to control the black stem rust of wheat and other small grains. S. B. FRACKER, principal plant quarantine administrator, in charge; J. F. MARTIN and W. L. POPHAM, first assistants.

CEREAL AND FORAGE INSECT INVESTIGATIONS

Room 3829, South Building. Telephone, District 6350, extension 2990.

Investigations of the insects affecting cereal and forage crops, including sugarcane and rice, and mill insects and stored-grain pests. Also the research work on the European corn borer, grasshoppers, mormon cricket, chinch bugs, and white-fringed beetle. The service provided by this work is distributed throughout practically all of the important corn, small-grain, and forage-producing States. C. M. PACKARD, principal entomologist, in charge; W. R. WALTON, first assistant.

TRUCK CROP AND GARDEN INSECT INVESTIGATIONS

Room 6240, South Building. Telephone, District 6350, extension 4791.

Investigations of the habits and development and the determination of control methods for insect pests and spider mites, millipedes, slugs, and snails, which affect vegetables, greenhouse ornamentals, bulbs, and outdoor ornamental plants (other than hardy shrubs); small fruits, such as raspberries, blackberries, loganberries, and strawberries; and also sugar beets, tobacco, and mushrooms. Investigations on the European earwig are also included in the work of this Division. W. H. WHITE, principal entomologist, in charge; D. J. CAFFREY, first assistant.

COTTON INSECT INVESTIGATIONS

Room 6243, South Building. Telephone, District 6350, extension 2596.

This Division has charge of the research work on cotton insects. The principal insects investigated include the bollweevil, the Thurberia weevil, cotton bollworm, pink bollworm, root aphids, leaf worm, cotton fleahopper, and other hemipterous insects of cotton. Other insects of local importance are also studied. R. W. HARNED, principal entomologist, in charge; U. C. LOFTIN, first assistant.

PINK BOLLWORM AND THURBERIA WEEVIL CONTROL

Room 565, United States Post Office and Courthouse, San Antonio, Tex. Telephone Fannin 8721.

To prevent the spread of the pink bollworm of cotton and, where possible, to effect its eradication; and to prevent the spread of the Thurberia weevil. This work involves scouting to determine the range of infestation, clean-up operations, the

enforcement of quarantine restrictions on movement of articles covered, including the supervision of vacuum fumigation plants and cotton compresses, inspection of mills, gins, rolling stock, automotive equipment, and other possible carriers of these pests, and the maintenance of road stations on highways to prevent the movement of contraband material to uninfested localities. R. E. McDONALD, principal administrative officer, in charge; L. F. CURL, first assistant.

BEE CULTURE

Beltsville, Md. Telephone, Greenwood 1410.

Investigations dealing with the practical and scientific aspects of beekeeping, including the production of honey and wax, and the use of honeybees in the pollination of orchard and farm crops. J. I. HAMBLETON, principal apiculturist, in charge; W. J. NOLAN, first assistant.

INSECTS AFFECTING MAN AND ANIMALS

Room 6343, South Building. Telephone, District 6350, extensions 4383 and 4384.

This Division is concerned with investigations on insects which attack man or injure him by carrying diseases, annoy him at home or afield, or destroy household supplies, fabrics, drugs, etc., including those held in dwellings, hotels, hospitals, commissaries, warehouses, manufacturing establishments, etc. It is also concerned with investigations of insect pests of farm and range animals, as well as those which attack poultry, birds, and wildlife, and with the development of methods for their control or eradication. F. C. BISHOPP, principal entomologist, in charge; E. C. CUSHING, first assistant.

SCREWWORM CONTROL

1010 Travis Building, San Antonio, Tex. Telephone, Fannin 7911.

The work of this Division provides for surveys to keep in touch with screwworm conditions and to make available, through appropriate channels and cooperation with State and other agencies, information on methods of controlling screwworms. It includes the operating, with various agencies or individuals, of farms to demonstrate the advantages of carrying out recommended practices for screwworm control and cooperating with various agencies in intensive educational work on control methods in areas where screwworms occur in outbreak numbers. W. E. DOVE, principal entomologist, in charge; R. A. ROBERTS, first assistant and in field charge of work in the Southeast.

INSECT IDENTIFICATION

Room 3245, South Building. Telephone, District 6350, extension 4381. (Mostly located in the U. S. National Museum, National History Building.)

This Division maintains cooperative relations with the United States National Museum. Insofar as its facilities permit, this Division identifies all stages of insects that are of interest in economic entomology, performing this service for the Bureau, for other bureaus of the Department of Agriculture, for State and experiment station entomologists, and for research workers engaged on entomological problems both within the United States and throughout the world. As a part of such work, research papers on the identification and classification of different groups of insects are prepared and published. C. F. W. MUESEBECK, principal entomologist, in charge; CARL HEINRICH, first assistant.

FOREIGN PARASITE INTRODUCTION

Room 3839 South Building. Telephone, District 6350, extension 2979.

The investigation of the natural enemies of insect pests in foreign countries, including collection and importation into the United States and supervision over the handling of the foreign material until released from quarantine. Also the coordination of biological control activities involving other divisions and State organizations. C. P. CLAUSEN, senior entomologist, in charge.

CONTROL INVESTIGATIONS

Room 6327, South Building. Telephone, District 6350, extension 4793.

The work of this Division includes fundamental investigations on the physiology of insects and the effect of insecticides and insecticidal treatments on insects, and studies on application of sterilization and disinestation treatments to plants and plant products under quarantine regulations. L. A. HAWKINS, principal physiologist, in charge; J. F. YEAGER, JR., first assistant.

INSECTICIDE INVESTIGATIONS

Room 5827, South Building. Telephone, District 6350, extension 2721.

Investigations to develop better insecticides, attractants, repellents, and materials used with them, including chemical and physical problems relating to their composition, action, applica-

tion, and manufacture. Especial attention is directed to the development of new insecticides, particularly those that can be used in place of lead arsenate and other poisonous materials, and the determination of the most effective chemical means of removing harmful spray residues from fruits and vegetables. R. C. ROARK, principal chemist, in charge; C. M. SMITH, first assistant.

FOREIGN PLANT QUARANTINES

Room 4845, South Building. Telephone, District 6350, extension 4493.

The Division of Foreign Plant Quarantines administers 32 quarantines and regulatory orders prohibiting or regulating the entry of plants and plant products from foreign countries, Puerto Rico, and Hawaii; the rules and regulations governing the movement of plants and plant products into and out of the District of Columbia; the Insect Pest Act of 1905; and the rules and regulations governing the inspection and certification of plants and plant products offered for export to meet the sanitary requirements of foreign countries. The work involves the inspection and, when necessary, treatment of plants and plant products, vessels, railway cars, airplanes, automobiles, and other vehicles, mail packages and baggage; the field inspection of plants imported under special permit and grown under agreement; inspection of plant-introduction gardens of the Bureau of Plant Industry; inspection of fruits and vegetables in the field and at the point of shipment in Hawaii and Puerto Rico; the enforcement of the Insect Pest Act of 1905 as it pertains to the importation and interstate movement of living insect pests; and the inspection and certification of plants and plant products to meet the sanitary requirements of foreign countries. E. R. SASSCER, principal entomologist, in charge; G. G. BECKER, first assistant.

DOMESTIC PLANT QUARANTINES

Room 5233, South Building. Telephone, District 6350, extension 4587.

The work of this Division provides for the administration of various domestic plant quarantines for which no separate units have been organized. It assists the chief in drafting domestic quarantines and is also responsible for drafting certificates and other legal forms. This Division directs the field work connected with the control and prevention of spread of the phony peach disease; the eradication of citrus canker and peach mosaic diseases; the control of the sweetpotato weevil and the white-fringed beetle; and supervises transit inspection carried on at various points throughout the United

States. B. M. GADDIS, principal plant quarantine administrator, in charge; R. A. SHEALS, first assistant.

LABORATORIES, OFFICES, AND FIELD HEADQUARTERS

In the following list the terms "office" and "laboratory" refer to units which report directly to the chief of the division. The terms "suboffice" and "sublaboratory" refer to units that report through an office or laboratory. The terms "district office" and "district laboratory" refer to units that report through a suboffice or sublaboratory.

ALABAMA

Florala

Laboratory, Division of Cereal and Forage Insect Investigations.—Bureau of Entomology and Plant Quarantine. P. O. Box 132. H. C. YOUNG, associate entomologist, in charge.

Investigations of the white-fringed beetle.

Office, Division of Domestic Plant Quarantines.—George Building. R. N. DOPSON, JR., agent, in charge.

Supervision of control activities of the white-fringed beetle infestation in southern Alabama and northern Florida.

In cooperation with the department of agriculture and industries of the State of Alabama, and the State plant boards of Florida and Mississippi.

Mobile

Office, Division of Foreign Plant Quarantines.—109 Courthouse and Customhouse. P. O. Box 1413. Telephone, Belmont 3132. J. R. WOOD, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

ARIZONA

Douglas

Office, Division of Foreign Plant Quarantines.—Room 207 United States Inspection Station. P. O. Box 943. R. O. COLLIER, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Mesa

Sublaboratory of Tucson, Ariz., laboratory, Division of Cotton Insect Investigations.—Room 3, Drew Building. P. O. Box 795. Open April 1 to December 31. T. C. BARBER, assistant entomologist, in charge.

Investigations of hemipterous and other insects of cotton. In cooperation with the Arizona Agricultural Experiment Station.

Naco

Office, Division of Foreign Plant Quarantines.—Care of United States Inspection Station. P. O. Box 94. W. R. SUDDUTH, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Nogales

Office, Division of Foreign Plant Quarantines.—Room 128, Federal Inspection Station. Telephone, 276. C. E. BELLIS, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Phoenix

Laboratory, Division of Truck Crop and Garden Insect Investigations.—2214 North Twenty-fourth Place. P. O. Box 258. Route 1. Telephone, 90073. K. B. MCKINNEY, assistant entomologist, in charge.

Investigations of insects attacking lettuce.

Sublaboratory of Grand Junction, Colo., laboratory, Division of Truck Crop and Garden Insect Investigations.—2214 North Twenty-fourth Place. P. O. Box 258. Route 1. Telephone, 90073. V. E. ROMNEY, junior entomologist, in charge.

Investigations of the beet leafhopper.

Safford

Suboffice of Tucson, Ariz., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 246. J. D. WAUGH, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm and Thurberia weevil in the State of Arizona.

In cooperation with the Arizona Commission of Agriculture and Horticulture.

Tempe

Laboratory, Division of Cereal and Forage Insect Investigations.—415 East Eighth Street. P. O. Box 187. Telephone, 36. V. L. WILDERMUTH, senior entomologist, in charge.

Studies of insects affecting alfalfa seed, especially lygaeid and pentatomid plant bugs, and seed chalcid; colonization and liberation of parasites of the range caterpillar; and grasshopper control.

In cooperation with the Arizona Agricultural Experiment Station.

Sublaboratory of Uvalde, Tex., laboratory, Division of Insects Affecting Man and Animals.—P. O. Box 187. C. C. DEONIER, junior entomologist, in charge.

Studies of the biology, distribution, and methods of control of screwworms and blowflies.

Tucson

Office, Division of Cotton Insect Investigations.—Room 232, Post Office Building, Broadway and Scott Streets. P. O. Box 1910. Telephone, 1519. T. P. CASSIDY, entomologist, in charge.

Thurberia weevil investigations, including distribution of the native host plant. Investigations of hemipterous and other insects of cotton.

Office, Division of Pink Bollworm and Thurberia Weevil Control.—240 Federal Building. P. O. Box 449. Telephone, 1-960. S. D. SMITH, plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm and the Thurberia weevil in the State of Arizona.

In cooperation with the State Commission of Agriculture and Horticulture.

Yuma

Sublaboratory of Tucson, Ariz., laboratory, Division of Cotton Insect Investigations.—Bard Experiment Station, California side of Colorado River about 8 miles northeast of Yuma. United States Yuma Field Station, Route 2, Yuma, Ariz. Telegraphic address: Bard Experiment Station, Yuma, Ariz. Telephone, 221, United States Bureau of Reclamation (8:30 a. m. to 5 p. m.). DONALD W. CLANCY, field assistant, in charge.

Investigations of hemipterous and other insects of cotton.

ARKANSAS

Little Rock

Office, Division of Domestic Plant Quarantines.—410 National Standard Building. Telephone, 5461. A. E. CAVANAGH, plant quarantine inspector, in charge.

Headquarters for control and prevention of spread of phony peach and peach mosaic diseases.

Cooperating with the States of Alabama, Arizona, Arkansas, California, Colorado, Georgia, Illinois, Indiana, Kentucky, Louisiana, Maryland, Mississippi, Missouri, New Mexico, North Carolina, Pennsylvania, South Carolina, Tennessee, Texas, Utah, and Virginia.

Laboratory, Division of Fruit Insect Investigations.—410 National Standard Building. Telephone 5461. W. F. TURNER, entomologist, in charge.

Headquarters for survey of insects in peach orchards where the phony peach disease occurs under conditions of natural spread.

In cooperation with the Division of Domestic Plant Quarantines.

CALIFORNIA

Alhambra

Laboratory, Division of Truck Crop and Garden Insect Investigations.—1208 East Main Street. Telephone 1056. P. O. Box 287. R. E. CAMPBELL, entomologist, in charge.

Investigations of the pepper weevil, wireworms, and tomato insects.

Berkeley

Office, Division of Plant Disease Control.—Room 26, Giannini Hall, University of California. Mailing address: Room 231, Giannini Hall. Telegraph address: Room 26, Giannini Hall. Telephone, Ashbury 5252. H. R. OFFORD, pathologist, in charge.

Laboratory and field tests of chemicals to develop practical methods for eradication of wild currant and gooseberry plants.

In cooperation with the University of California.

Laboratory, Division of Forest Insect Investigations.—No. 335 Giannini Hall, University of California. Telephone, Ashbury 7747. J. M. MILLER, senior entomologist, in charge.

Supervision of bark beetle control projects on national forests and national parks in California; studies on the biolo-

gies of forest insects; relations of climatic factors to the rise and decline of epidemics.

In cooperation with Federal Forest Service, National Park Service, Bureau of Indian Affairs, State forestry department, University of California, and organizations of private owners of forest land.

Calexico

Office, Division of Foreign Plant Quarantines.—Room 205, Federal Inspection Building. P. O. Box 715. Telephone, 428. O. A. PRATT, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Davis

Laboratory, Division of Bee Culture.—Room 244, Animal Science Building, Agricultural College. F. E. TODD, associate apiculturist, in charge.

Studies in connection with the economic aspects of the bee industry; the use of bees in the pollination of orchard and farm crops; the utilization of pollen; studies of the honey flora of California and Oregon; and chemical and physical studies of western beeswaxes.

In cooperation with the University of California and the Oregon Agricultural Experiment Station.

Eureka

Office, Division of Foreign Plant Quarantines.—Courthouse, 528 J Street. Telephone, 797. E. MILLS, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the State department of agriculture.

Fresno

Laboratory, Division of Fruit Insect Investigations.—712 Elizabeth Street. Telephone, 2-8631. P. SIMMONS, entomologist, in charge.

Headquarters for investigations of dried-fruit insects. Studies on biology and control of insects infesting dried fruit, including the raisin moth, the dried fruit beetle, and *Blastophaga*.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture, California Agricultural Experiment Station, and the Dried Fruit Association of California.

Los Angeles

Office, Division of Foreign Plant Quarantines.—524 North Spring Street. Telephone, Mutual 9211. H. J. RYAN, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with county agricultural commissioner.

Modesto

Laboratory, Division of Truck Crop and Garden Insect Investigations.—425 Santa Rita Avenue. P. O. Box 642. Telephone, 964. W. C. COOK, entomologist, in charge.

Beet-insect investigations.

In cooperation with the States of California, Utah, and Idaho.

Oakland

Suboffice of San Francisco Office, Division of Foreign Plant Quarantines.—2502 Humboldt Street. Telephone, Fruitvale 1427-W. F. C. BROSIUS, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with State department of agriculture.

Office, Division of Plant Disease Control.—610 Syndicate Building, 1440 Broadway. Telephone, Highgate 6440. W. V. BENEDICT, senior forester, in charge.

Field direction and general supervision of cooperative program to establish and maintain control of the white pine blister rust disease in important white pine areas in the sugar pine region of California and Oregon by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and National Park Service, the States of California and Oregon, pine owners, and other local agencies.

Riverside

Laboratory, Division of Fruit Insect Investigations.—California Citrus Experiment Station. L. D. CHRISTENSON, field assistant, in charge.

Survey of insects in peach orchards where the mosaic disease occurs under conditions of natural spread.

In cooperation with Albuquerque, N. Mex., office of the Division of Domestic Plant Quarantines.

Sacramento

Office, Division of Foreign Plant Quarantines.—State Office Building. Telephone, Capital 2800. A. C. FLEURY, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the State department of agriculture.

Laboratory, Division of Cereal and Forage Insect Investigations.—Room 272, Federal Building, Ninth and I Streets. P. O. Box 1857. Telephone, Main 3461. W. B. CARTWRIGHT, entomologist, in charge.

Investigations on hessian fly control under conditions peculiar to California; varieties of wheat resistant to hessian fly; the pea aphid on alfalfa; varieties of alfalfa resistant to pea aphid; grasshoppers.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture, and the California Agricultural Experiment Station.

Salinas

Office, Division of Foreign Plant Quarantines.—11 East Gabilan Street. PETER A. KANTOR, collaborator, in charge.

Enforcement of foreign plant quarantines. Takes care of port of Monterey.

San Bernardino

Suboffice of Albuquerque, N. Mex., office, Division of Domestic Plant Quarantines.—115 Courthouse. R. L. McCALIN, agent, in charge.

Supervision of activities for the eradication of peach mosaic disease in the State of California.

In cooperation with the State department of agriculture.

San Diego

Office, Division of Foreign Plant Quarantines.—Broadway Pier Building. P. O. Box 617. Telephone, Main 2574. P. M. HOWARD, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with the State department of agriculture.

San Francisco

Office, Division of Foreign Plant Quarantines.—Room 24, Agricultural Building, Embarcadero, foot of Mission Street. Telephone, Garfield 7827. C. E. COOLEY, plant quarantine inspector, in charge.

Supervision of the enforcement of foreign plant quarantines and of the inspection and certification of plants and plant products for export in California.

Office, Division of Foreign Plant Quarantines.—Room 2, Agricultural Building, Embarcadero, foot of Mission Street. Telephone, Garfield 0513. H. M. ARMITAGE, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification in San Francisco of plants and plant products for export.

In cooperation with the State department of agriculture.

San Luis Obispo

Office, Division of Foreign Plant Quarantines.—987 Osos Street. P. O. Box 637. Telephone, 1344. T. CHALMERS, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the State department of agriculture.

San Pedro

Office, Division of Foreign Plant Quarantines.—Federal Building. P. O. Box 401. Telephone, 346. A. P. MESSENGER, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with the State department of agriculture.

San Ysidro

Office, Division of Foreign Plant Quarantines.—Room 229, Federal Building. Telephone, 2401. L. SCHOENING, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Santa Barbara

Office, Division of Foreign Plant Quarantines.—Courthouse. Telephone, 3600. E. S. KELLOGG, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with State department of agriculture.

Santa Paula

Office, Division of Foreign Plant Quarantines.—County Agricultural Building. Telephones, 258 and 558. A. H. CALL, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the State department of agriculture.

Ventura

Laboratory, Division of Truck Crop and Garden Insect Investigations.—P. O. Box 1330. Telephone, 5636. R. CECIL, associate entomologist, in charge.

Investigations of the lima bean pod borer.

Whittier

Laboratory, Division of Insecticide Investigations.—P. O. Box 70. Telephone, 432-10. L. B. HOWARD, chemist, in charge.

Investigations of cyanide fumigation of California red scale. Studies of new fumigants for the same purpose.

Laboratory, Division of Fruit Insect Investigations.—724 Earlham Drive. P. O. Box 70. Telephone, 432-10. B. L. BOYDEN, senior entomologist, in charge.

Investigations on biology and control of the California red scale, the orange thrips, and the black and citricola scales.

In cooperation with the California Citrus Experiment Station (Riverside), Arizona Agricultural Experiment Station, and Whittier District Fruit Exchange.

CANAL ZONE

Balboa

Laboratory, Division of Fruit Fly Investigations.—Building 0902, Amador Road. P. O. Drawer Z. Telephone, 2485. J. ZETEK, associate entomologist, in charge.

Investigations on biology, host fruit relations, and control of the Central American fruit flies.

COLORADO

Fort Collins

Laboratory, Division of Forest Insect Investigations.—210 Forestry Building, Colorado State College. Telephone, 350-W. J. A. BEAL, entomologist, in charge.

Headquarters for bark beetle investigations and control in Southern Rocky Mountain region and for insects affecting shelterbelt plantations.

In cooperation with Forest Service, United States Department of Agriculture, National Park Service, and the shelterbelt.

Office, Division of Plant Disease Control.—Botany Building, State Agricultural College, P. O. Box 276. Telephone, 1101, Botany, 3 rings. E. A. LUNGREN, associate pathologist, in charge.

Field direction and general supervision of cooperative program to locate and destroy the common barberry in Colorado and Wyoming, to control the black stem rust of grain.

In cooperation with the State agricultural college, State department of agriculture, and independent agricultural agencies.

Grand Junction

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Bookcliff Avenue, between Seventh and Twelfth Streets. P. O. Box 838. Telephone, 223-W. O. A. HILLS, assistant entomologist, in charge of investigations of the beet leafhopper; R. L. WALLIS, junior entomologist, in charge of bean-insect investigations.

Sublaboratory of Salt Lake City, Utah, laboratory, Division of Cereal and Forage Insect Investigations.—Chamber of Commerce, Grand Junction, Colo. P. O. Box 716. Telephone, 18. F. V. LIEBERMAN, junior entomologist, in charge.

Investigations of the alfalfa weevil.

Palisade

Suboffice of Little Rock, Ark., office, Division of Domestic Plant Quarantines.—MAX SISSON, agent, in charge.

Supervision of activities for the eradication of peach mosaic disease in the State of Colorado.

Cooperating with the State bureau of plant and insect control.

CONNECTICUT

Canaan

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—Salisbury Road. P. O. Box 141. Telephone, 322. S. E. MAY, principal scientific aide, in charge.

Supervision of scouting and control work against the gypsy moth in Connecticut.

New Haven

Suboffice, cooperating with Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—Office of State and station entomologist, Connecticut Agricultural Experiment Station, 123 Huntington Street. P. O. Box 1106. Telephone, 56191. W. E. BRITTON, collaborator, in charge.

*State leadership in cooperative control of the gypsy moth and the brown-tail moth in Connecticut.

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—State Agricultural Experiment Station, 123 Huntington Street. P. O. Box 1106. Telephone, 6-3591. J. E. RILEY, JR., associate pathologist, in charge.

State leadership in cooperative control of white pine blister rust on important white pine areas in Connecticut by eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forestry department, the State agricultural experiment station, and the State agricultural college, extension division.

Laboratory, Division of Forest Insect Investigations.—56 Hillhouse Avenue. Telephone, New Haven 8-3082. R. C. BROWN, entomologist, in charge.

Investigations of native and introduced insect pests of forest and shade trees and their control, including the European pine shoot moth, the beech scale, defoliating moths, larch case bearer, birch leaf mining sawfly, European spruce sawfly, balsam bark louse, white pine weevil, etc.

In cooperation with Forest Service, United States Department of Agriculture, Yale University, Harvard Forest at Petersham, Mass., New York State College of Forestry, and organizations of private owners of timberlands.

Sublaboratory of Toledo, Ohio, laboratory, Division of Cereal and Forage Insect Investigations.—56 Hillhouse Avenue. Telephone, 8-2375. C. H. BATCHELDER, associate entomologist, in charge.

Insecticide investigations in control of the European corn borer. Physiological studies of the corn borer directed toward differentiation between strains. Determinations of damage and general abundance.

Biology of one- and two-generation strains of the corn borer.

In cooperation with the State agricultural experiment station.

Office, Division of Japanese Beetle Control.—Connecticut Agricultural Experiment Station, 123 Huntington Street. P. O. Box 1106. Telephone, 5-5078. J. P. JOHNSON, agent, in charge.

Enforcement of the Japanese beetle quarantine in Fairfield and New Haven Counties, Conn., including supervision of inspection and certification, and nursery and greenhouse scouting.

Norwalk

Office, Division of Japanese Beetle Control.—49 Connecticut Avenue, Norwalk, Conn. Telephone, 1661. T. M. CANNON, chief scientific aide, in charge.

State leader in scouting for and cooperating with the State in the eradication of the Dutch elm disease.

In cooperation with the State agricultural experiment station.

Windsor

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Care of Connecticut Agricultural Experiment Station. P. O. Box 824. Telephone, 746. A. W. MORRILL, JR., junior entomologist, in charge.

Investigation of insects affecting tobacco in the Connecticut River Valley.

In cooperation with the Connecticut Agricultural Experiment Station.

DELAWARE

Dover

Office, Division of Japanese Beetle Control.—Room 210, New Post Office Building. Telephone, 842. E. A. McKNIGHT, agent, in charge.

Enforcement of the Japanese beetle quarantine in Delaware, including supervision of inspection and certification, and nursery and greenhouse scouting.

In cooperation with the State board of agriculture.

DISTRICT OF COLUMBIA

Washington

Office, Division of Foreign Parasite Introduction.—Room 3839, South Building, United States Department of Agriculture. Telephone, District 6350, Branch 2979. C. P. CLAUSEN, principal entomologist, in charge.

The investigation of natural enemies of insect pests in foreign countries and their introduction into the United States, with supervision over the foreign material until it is released from quarantine. Also the coordination of biological-control activities involving other divisions and State organizations.

Laboratory, Division of Identification and Classification of Insects.—Room 3245, South Building, United States Department of Agriculture. Telephone, District 6350, extension 4381. C. F. W. MUESEBECK, principal entomologist, in charge.

Identification of all stages of insects for this Bureau, for other bureaus of the United States Department of Agriculture, for the State and experiment station entomologists, and others. The specialists now attached to the staff and engaged full time on this work include the following: Beetles, H. S. BARBER, ADAM G. BÖVING, L. L. BUCHANAN, and W. S. FISHER; moths and butterflies, AUGUST BUSCK, CARL HEINRICH, WILLIAM SCHAUSS, and J. F. GATES CLARKE; flies (Diptera), C. T. GREENE and ALAN STONE; Hymenoptera, R. A. CUSHMAN, A. B. GAHAN, GRACE SANDHOUSE, and C. F. W. MUESEBECK; grasshoppers and American neuropteroids, A. B. GURNEY; mites and ectoparasites, H. E. EWING; bugs, H. G. BARBER, P. W. MASON, and P. W. OMAN; scale insects, HAROLD MORRISON; and insect morphology, R. E. SNODGRASS.

Laboratory, Division of Insects Affecting Man and Animals.—

Rooms 6343 and 6347, South Building, United States Department of Agriculture. Telephone, District 6350, extensions 4383 and 4384. E. A. BACK, principal entomologist, in charge.

Investigations of methods of controlling insects affecting the household and certain stored commodities, particularly books, fabrics, and furniture; also foods offered in retail establishments.

Laboratory, Division of Insects Affecting Man and Animals.—

Rooms 6338, 6339, and 6340, South Building, United States Department of Agriculture. Telephone, District 6350, extension 4383 or 4384. W. ROBINSON, senior entomologist, in charge.

Investigation of blowfly maggots in relation to their use in the post-operative treatment of suppurating lesions, particularly of the bone. Also studies concerning the toxicology of insect bites.

Laboratory, Division of Insects Affecting Man and Animals.—

Rooms 6346 and 6349, South Building, United States Department of Agriculture. Telephone, District, 6350, extension 4383 or 4384. F. C. BISHOPP, principal entomologist, in charge.

Studies of tick biologies. Experiments in disease transmission, particularly by ticks and mosquitoes, some of the experiments being carried on in cooperation with the Pathological Division of the Bureau of Animal Industry.

Suboffice of Richmond, Va., office, Division of Japanese Beetle Control.—Inspection House, Twelfth Street and Constitution Avenue NW. Telephone, District 6350, extension 2589. C. E. EIFLER, agent, in charge.

Enforcement of the Japanese beetle quarantine in the District of Columbia, and in Arlington, Culpeper, Fairfax, Fauquier, Loudoun, Prince William, and Stafford Counties, and cities of Alexandria and Fredericksburg, Va.

In cooperation with the Virginia Department of Agriculture and Immigration.

Office, Division of Foreign Plant Quarantines.—Inspection house, Twelfth Street and Constitution Avenue NW. Telephone, District 6350, extensions 4495 and 4496. P. BISSET, senior horticulturist, in charge.

Enforcement of foreign plant quarantines and the inspection of domestic plants entering and leaving the District of Columbia.

Laboratory, Division of Insecticide Investigations.—Room 5827, South Building, United States Department of Agriculture. Telephone, District 6350, branch 2721. R. C. ROARK, principal chemist, in charge; C. M. SMITH, senior chemist, acting in charge.

Development of new insecticides, improvement of existing ones, analytical and consulting service for the other divisions of this Bureau; cooperation in spray-residue-removal studies with the Bureau of Plant Industry, with projects as follows: Chemical investigations on insecticidal plants; chemical investigations to develop synthetic organic insecticides; chemical investigations on the removal of spray residues; chemical investigations to develop inorganic insecticides; chemical investigations on fumigants for control of insect pests; chemical investigations on accessory materials for use with insecticides; tests to determine the toxicity of new insecticidal compounds using goldfish; and chemical analysis of miscellaneous compounds tested as insecticides.

ENGLAND

Oxford

Sublaboratory of Morristown, N. J., laboratory, Division of Forest Insect Investigations.—Hope Department, University Museum, South Parks Road. D. E. PARKER, associate entomologist, in charge.

A study of the vectors of the Dutch elm disease.

In cooperation with the Bureau of Plant Industry of the United States Department of Agriculture.

FLORIDA**Bradenton**

Suboffice of Miami, Fla., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 943. T. R. ADKINS, assistant plant quarantine inspector, in charge.

Eradication of wild cotton for control of the pink bollworm.

Cape Sable

Suboffice of Miami, Fla., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 2919, Miami, Fla. E. L. WILDE, assistant plant quarantine inspector, in charge.

Eradication of wild cotton for control of the pink bollworm.

Florida Bay

Suboffice of Miami, Fla., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 2919, Miami, Fla. V. CURTIS, assistant plant quarantine inspector, in charge.

Eradication of wild cotton for control of the pink bollworm.

Fort Myers

Suboffice of Miami, Fla., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 686. A. K. INMAN, assistant plant quarantine inspector, in charge.

Eradication of wild cotton for control of the pink bollworm.

Fort Pierce

Sublaboratory of Savannah, Ga., laboratory, Division of Insects Affecting Man and Animals.—Courthouse. P. O. Box 1041. S. E. SHIELDS, junior entomologist, in charge.

Studies in the control of sand flies.

Gainesville

Laboratory, Division of Cotton Insect Investigations.—Second floor, Old Experiment Station Building. Telephone, University 1000, extension 112. J. T. ROY, JR., field aide, in charge.

Biology and control of boll weevil on Sea Island cotton under Florida conditions.

In cooperation with the State experiment station.

Office, Division of Foreign Plant Quarantines.—State Plant Board of Florida. Telephone, 341. J. H. MONTGOMERY, collaborator, in charge.

Headquarters for the enforcement of foreign plant quarantines and the inspection and certification of plants and plant products for export in the State of Florida.

In cooperation with the State plant board.

Regional office, Division of Screwworm Control.—12 Baird Building, 230 East Main Street, South. P. O. Box 178. Telephone, 576. R. A. ROBERTS, entomologist, in charge.

Supervision of screwworm control work in Florida to prevent or reduce losses of livestock from infestation and spread of the insect.

In cooperation with State and local agencies.

Jacksonville

Office, Divisions of Foreign and Domestic Plant Quarantines.—445 New Post Office Building. P. O. Box 1713. Telephone, 3-2780, extension 208. P. THOMAS, collaborator, in charge.

Inspection of express, parcel post, and freight, moving from, to, and through Jacksonville by rail and boat, in foreign and interstate commerce, for the enforcement of foreign and domestic plant quarantines.

In cooperation with the State plant board.

Key West

Office, Division of Foreign Plant Quarantines.—Room 203, New Federal Building. P. O. Box 990. Telephone, 299. R. G. MILNER, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with the State plant board.

Mainland Keys

Suboffice of Miami, Fla. office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 2919, Miami, Fla. R. L. EBERHARD, assistant plant quarantine inspector, in charge.

Eradication of wild cotton for control of the pink bollworm.

Miami

Office, Division of Foreign Plant Quarantines.—City Warehouse No. 13 (2d floor), foot of NE. Ninth Street. P. O. Box 842. J. V. GIST, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with the State plant board.

Office, Division of Pink Bollworm and Thurberia Weevil Control.—304 Federal Building. P. O. Box 2919. Telephone, 2-4223. W. E. CONN, plant quarantine inspector, in charge.

Headquarters for the eradication of wild cotton to eliminate the pink bollworm from southern Florida.

In cooperation with the State plant board.

Monticello

Laboratory, Division of Fruit Insect Investigations.—Pecan-insect investigations laboratory. Waukeenah road, 1½ miles south. Box 25. S. O. HILL, junior entomologist, in charge.

Investigations of pecan insects, including control of pecan nut case bearer, pecan leaf case bearer, pecan shuckworm, and aphids.

In cooperation with Florida Agricultural Experiment Station.

Orlando

Laboratory, Division of Fruit Insect Investigations.—Fairgrounds, near West Amelia and Parramore Streets. P. O. Box 491. Telephone, 3106. H. SPENCER, entomologist, in charge.

Investigations on subtropical fruit insects, including control of citrus rust mite, white flies, and the purple and Florida red scales; the effect of chemicals when used as insecticides in bait spray for fruit flies on the composition of the citrus plant and fruit.

In cooperation with the Bureau of Plant Industry and the Bureau of Chemistry and Soils, United States Department of Agriculture.

Laboratory, Division of Insects Affecting Man and Animals.—Fairgrounds, near West Amelia and Parramore Streets. P. O. Box 491. W. V. KING, senior entomologist, in charge.

Biological studies of mosquitoes and buffalo gnats and studies in the control of these pests; also studies in the biology and host relationships of the Australian cattle tick.

Pensacola

Office, Division of Foreign Plant Quarantines.—Room 306 Federal Building. P. O. Box 606. Telephone, 83. R. B. LINGER, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with the State plant board.

Quincy

Laboratory, Division of Truck Crop and Garden Insect Investigations.—No. 209 Washington Street. P. O. Box 549. Telephone, 243-R. F. S. CHAMBERLIN, assistant entomologist, in charge.

Investigation of insects affecting shade-grown tobacco.

Sanford

Laboratory, Division of Control Investigations.—1702 North Magnolia Street. M. C. SWINGLE, associate entomologist, in charge.

Testing insecticidal value of various compounds on mosquito larvae and leaf-eating insects.

Laboratory, Division of Truck Crop and Garden Insect Investigations.—1700 Magnolia Avenue. P. O. Box 549. Telephone, 47. C. F. STAHL, entomologist, in charge.

Field headquarters for winter-vegetable insect investigations; investigations of the control of celery pests and mole crickets, and laboratory tests with pyrethrum products.

Tallahassee

Laboratory, Division of Insects Affecting Man and Animals.—Forshala Plantation. B. V. TRAVIS, assistant entomologist, in charge.

Studies of ectoparasites and fire ants affecting wildlife.

Tampa

Office, Division of Foreign Plant Quarantines.—Room 428, Federal Building. P. O. Box 266. Telephone, M-58621. R. D. POTTER, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with the State plant board.

West Palm Beach

Office, Division of Foreign Plant Quarantines.—Room 216, Federal Building. Telephone, 4751. M. LEROY, collaborator, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

In cooperation with State plant board.

FRANCE

St. Cloud, S. and O.

Laboratory, Division of Foreign Parasite Introductions.—61 Avenue Alfred Belmontet. H. L. PARKER, entomologist, in charge.

Investigations on the natural enemies of the corn borer, lima bean pod-borer, hessian fly, pea weevil, and of a number of forest insects in Europe. Incidental work upon those of other crop pests, and the exportation of these enemies to the United States.

GEORGIA

Albany

Laboratory, Division of Fruit Insect Investigations.—Fairgrounds, North Jefferson and Eighth Streets. P. O. Box 107. Telephone, 127. G. F. MOZNETTE, entomologist, in charge.

Investigations of the control of pecan insects in the South-eastern States.

In cooperation with the Bureau of Plant Industry of the United States Department of Agriculture.

Atlanta

Office, Division of Foreign Plant Quarantines.—Room 432, State Capitol. Telephone, Walnut 2402. , collaborator, in charge.

Enforcement of foreign plant quarantines.
In cooperation with office of State entomologist.

Dahlonega

Suboffice of Richmond, Va., office, Division of Plant Disease Control.—Opposite Courthouse. Telephone, 19. W. V. ZIMMER, agent, in charge.

State leadership in cooperative control of white pine blister rust on important white pine areas in Georgia by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forester, State entomologist, and local agencies.

Experiment

Laboratory, Division of Fruit Insect Investigations.—Georgia Agricultural Experiment Station. Express and freight, Griffin, Ga. Telephone, Griffin 433-W. T. L. BISSELL, collaborator, in charge.

Investigations of the pecan weevil and pecan wood borers. In cooperation with the State experiment station.

Fort Valley

Laboratory, Division of Fruit Insect Investigations.—Church Street. Telephone, 53. O. I. SNAPP, entomologist, in charge.

Control of peach borers in young orchard trees and in nursery stock; life history and habits of peach borers; control of the second-brood plum curculio on peach; control of the San Jose scale on peach trees.

Lake Park

Sublaboratory of Tifton, Ga., laboratory, Division of Cotton Insect Investigations.—P. O. Box 3. (Open from April to November.) W. L. LOWRY, field aide, in charge.

Control of boll weevil on Sea Island cotton under southern Georgia conditions.

In cooperation with the Coastal Plain Experiment Station.

Rossville

Suboffice of Little Rock, Ark., office, Division of Domestic Plant Quarantines.—Rooms 201-202, Post Office Building. C. V. WALTON, agent, in charge.

Supervision of activities for the control and prevention of spread of the phony peach disease in the State of Tennessee. Cooperating with the State department of agriculture.

Savannah

Office, Division of Foreign Plant Quarantines.—Customhouse. Telephone, 3-3221. V. C. DURHAM, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Laboratory, Division of Insects Affecting Man and Animals.—403 Post Office Building. P. O. Box 22. Telephone, 4737. J. B. HULL, assistant entomologist, in charge.

Studies in the biology and control of sand flies and effect of tide gates on the control of salt-marsh mosquitoes.

Tifton

Laboratory, Division of Cotton Insect Investigations.—Coastal Plain Experiment Station, 1 mile northwest of Tifton. P. O. address: Georgia Coastal Plain Experiment Station. P. M. GILMER, associate entomologist, in charge.

Investigations of boll weevil and miscellaneous cotton insects, with special reference to biology and ecology, and methods of control on Sea Island cotton.

In cooperation with Coastal Plain Experiment Station.

Townsend

Sublaboratory of Tifton, Ga., laboratory, Division of Cotton Insect Investigations.—K. P. CONRADI, field aide, in charge. (Open from April to November.)

Investigations of boll weevil control on Sea Island cotton under coastal conditions.

In cooperation with the State entomologist.

Valdosta*

Laboratory, Division of Insects Affecting Man and Animals.—107 East Park Avenue. P. O. Box 508. A. L. BRODY, assistant entomologist, in charge.

To conduct research on all phases of the screwworm problem in the Southeastern States—biology, injury, and methods of control.

GUAM

Agana

Office, Division of Foreign Plant Quarantines.—P. O. Drawer B. R. G. OAKLEY, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and investigation of plant-pest problems in Guam.

HAWAII

Honolulu

Laboratory, Division of Fruit Fly Investigations.—University of Hawaii. P. O. Box 340. Telephone, 98455. O. C. McBRIDE, entomologist, in charge.

Investigations on biology and host-fruit relations of the Mediterranean fruit fly and its control by the use of sprays,

by vapor heat, and by low temperatures in the movement of fruit in commerce.

In cooperation with the University of Hawaii.

Office, Division of Foreign Plant Quarantines.—New Federal Building. P. O. Box 340. Telephone, Honolulu 6361, extensions 16 and 17. H. F. WILLARD, senior entomologist, in charge.

Enforcement of quarantine governing the movement of fruits and vegetables from Hawaii to the mainland and inspection and certification of plants and plant products for export.

Office, Division of Foreign Plant Quarantines.—Board of Commissioners of Agriculture and Forestry. P. O. Box 2520. L. A. WHITNEY, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with Board of Commissioners of Agriculture and Forestry.

IDAHO

Coeur d'Alene

Laboratory, Division of Forest Insect Investigations.—Federal Building, Fourth Street and Lakeside Avenue. (Best approach is by bus from Spokane, Wash.) P. O. Box 630. Telephone, 76. J. C. EVENDEN, entomologist, in charge.

Headquarters for forest insect control projects on national forests and national parks in Idaho, Montana, Utah, and western Wyoming.

In cooperation with Federal Forest Service, National Park Service, Bureau of Indian Affairs, State forestry department, and organizations of private owners of forest land.

Moscow

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Entomology Building, University of Idaho. P. O. Box 73. Telephone, 8691. T. A. BRINDLEY, assistant entomologist, in charge.

Investigations of the pea weevil.

In cooperation with the Idaho Agricultural Experiment Station.

Parma

Sublaboratory of Walla Walla, Wash., laboratory, Division of Truck Crop and Garden Insect Investigations.—Suburbs of Parma. P. O. Box 578. Telephone, 88-J-2. F. H. SHIRCK, assistant entomologist, in charge.

Investigations of wireworms.

Twin Falls

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Suburbs of Twin Falls, on Blue Lakes Boulevard. P. O. Box 1100. Telephone, 452. J. R. DOUGLASS, associate entomologist, in charge.

Investigations of the beet leafhopper.

In cooperation with the Idaho Agricultural Experiment Station.

ILLINOIS

Chicago

Office, Division of Domestic Plant Quarantines.—Room 1208, New Post Office Building, 405 West Van Buren Street. Telephone, Wabash 9207, extension 595. J. M. CORLISS, agent, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through Chicago. This office is also the headquarters for transit-inspection activities and for enforcement of the white pine blister rust quarantine.

In cooperation with the State departments of agriculture.

Office, Division of Foreign Plant Quarantines.—Room 108, Customhouse. Telephone, Harrison 4700, local 57. D. E. GOWER, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Urbana

Laboratory, Division of Cereal and Forage Insect Investigations.—Post Office Building, P. O. Box 32. Telephone, 7-4120 or University 207. R. A. BLANCHARD, entomologist, in charge.

Investigations of insects attacking corn, with particular emphasis on corn earworm; investigations of sunflower insects.

In cooperation with the Illinois State Natural History Survey, Illinois Agricultural Experiment Station, and the Bureau of Plant Industry of the United States Department of Agriculture.

Office, Division of Plant Disease Control.—Post Office Building, Urbana, Ill. P. O. Box 112. Telephone, 7-2370 Champaign-Urbana exchange. R. W. BILLS, associate pathologist, in charge.

Field direction and general supervision of cooperative program in Illinois to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with the College of Agriculture, University of Illinois, State department of agriculture, and independent agricultural agencies.

INDIANA

Indianapolis

Suboffice of Chicago, office, Division of Domestic Plant Quarantines.—Room 425, Post Office and Courthouse Building. W. R. WALTON, JR., agent, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through Indianapolis for enforcement of domestic quarantine regulations. November to May.

In cooperation with the State entomologist.

Lafayette

Laboratory, Division of Cereal and Forage Insect Investigations.—Room 207, P. O. Building, Fourth and Ferry Streets. P. O. Box 495. Telephone, 5903. PHILIP LUGINBILL, entomologist, acting in charge.

Central station for a study of the hessian fly. Coordinates annual surveys to determine current conditions throughout winter wheat regions of the United States. Varieties of wheat resistant to the fly are under investigation. Improved methods of chinch bug control are sought and cooperation in control work is given to neighboring States. White grubs and wheat and corn cutworms are studied.

In cooperation with Bureau of Plant Industry, of the United States Department of Agriculture, the Indiana, Illinois, Ohio, and Michigan Agricultural Experiment Stations, and the Ohio State University.

Vincennes

Laboratory, Division of Fruit Insect Investigations.—1237 Washington Avenue. Telephone, 173. L. F. STEINER, associate entomologist, in charge.

Laboratory for codling moth investigations associated with the residue problem; laboratory and field testing of insecticides; field studies of orchard sanitation, banding, and use of bait traps.

In cooperation with Purdue University Agricultural Experiment Station.

Laboratory, Division of Insecticide Investigations.—1237 Washington Avenue. Telephone, 173. J. E. FAHEY, assistant chemist, in charge.

Analysis of insecticides. Determination of lead, arsenic, nicotine, and other insecticidal materials in spray residues. General chemical assistance to cooperating entomologists.

West Lafayette

Office, Division of Plant Disease Control.—Purdue Experiment Station Annex. Telephone, 3804. W. E. LEER, associate pathologist, in charge.

Field direction and general supervision of cooperative program in Indiana to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with the agricultural extension department of Purdue University, the State department of conservation, and independent agricultural agencies.

IOWA

Ames

Laboratory, Division of Bee Culture.—Science Building, College of Agriculture. O. W. PARK, collaborator, in charge.

Investigations on the resistance of honeybees to American foulbrood.

In cooperation with the Iowa Agricultural Experiment Station.

Laboratory, Division of Insects Affecting Man and Animals.—325 Walnut Avenue. P. O. Box 196. R. W. WELLS, associate entomologist, in charge.

Biology and control of cattle grubs and horse bots; studies on control of stable flies and horn flies.

In cooperation with the State college.

Suboffice of Milwaukee, Wis., office, Division of Plant Disease Control.—Room 229, Agricultural Hall, Iowa State College. Telephone, 2440. D. R. LUBBERTS, assistant pathologist, in charge.

State leader in cooperative control of white pine blister rust on important white pine areas in Iowa by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the forestry subsection of the State agricultural experiment station, the experiment station plant pathologist, the director of the agricultural experiment station, and the State entomologist.

Office, Division of Plant Disease Control.—Botany Hall, Iowa State College. Telephone, 729. D. R. SHEPHERD, associate pathologist, in charge.

Field direction and general supervision of cooperative program in Iowa to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with State college of agriculture, State department of agriculture, and independent agricultural agencies.

JAPAN**Yokohama**

Laboratory, Division of Foreign Parasite Introduction.—Canadian-Pacific Building. P. O. Box 47. R. W. BURRELL, assistant entomologist, in charge.

Investigations on the natural enemies of the oriental fruit moth, Japanese and Asiatic beetles, pink bollworm, and spruce sawfly, and the exportation of these to the United States. Incidental work is also being conducted upon other insect pests which have become established in the United States.

KANSAS**Manhattan**

Laboratory, Division of Cereal and Forage Insect Investigations.—1204 Fremont Street. Telephone, 2535. R. T. COTTON, senior entomologist, in charge.

Study of control of flour-mill and stored-grain insect pests through fumigation; regional study of the hessian fly, including the selection of resistant varieties of wheat; dry-land cutworm investigations; and studies in varietal differences of alfalfa to aphid attack and the development of resistant varieties.

In cooperation with the Bureau of Plant Industry of the United States Department of Agriculture, and with the Kansas, Nebraska, Missouri, and Oklahoma Agricultural Experiment Stations.

Laboratory, Division of Insecticide Investigations.—1204 Fremont Street. Telephone, 2535. H. D. YOUNG, associate chemist, in charge.

Chemical investigations relating to the fumigation of grain and flour products.

Wichita

Sublaboratory of Manhattan, Kans., laboratory, Division of Cereal and Forage Insect Investigations.—234 North Hillside Avenue. Telephone, 3-8063. J. R. HORTON, entomologist, in charge.

Studies of the effect of soil moisture and other ecological factors on the hessian fly and its parasites; studies of time of planting as a control measure; and population surveys.

LOUISIANA

Baton Rouge

Laboratory, Division of Bee Culture.—Chemistry Building, State University. Mailing address: University Station, Baton Rouge, La. Telephone, University 19. W. WHITCOMB, JR., associate apiculturist, in charge.

Research on package bees, queen rearing, morphology and biometry, honey flora, methods of honey production, and abnormal supersedure of queens.

In cooperation with the State university.

Suboffice of the Houston office, Division of Domestic Plant Quarantines.—State Capitol. W. E. ANDERSON, collaborator, in charge.

Direction of activities in the eradication of citrus canker from Louisiana.

In cooperation with the State department of agriculture and immigration.

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Louisiana Agricultural Experiment Station. Telephone, 4785, extension 214. C. E. SMITH, associate entomologist, in charge.

Investigations on the control of various species of cabbage worms and the turnip aphid.

In cooperation with the State agricultural experiment station.

Crowley

Sublaboratory of Houma, La., laboratory, Division of Cereal and Forage Insect Investigations.—Rice Experiment Station, 1 mile west of Crowley on old Spanish Trail. P. O. Box 164. W. A. DOUGLAS, junior entomologist, in charge.

Investigation of insects affecting lowland rice with particular reference to field infestation by stored-rice insects and relationship of the rice stink bug to "pecky" rice, and the insect enemies of soybeans as a rotation crop for rice.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture, and the rice station of the State agricultural experiment station.

Houma

Laboratory, Division of Cereal and Forage Insect Investigations.—One mile west of Houma on U. S. Highway 90, turn

right and follow bayou to United States sugar station. P. O. Box 387. Telephone, 499. J. W. INGRAM, entomologist, in charge.

Headquarters for studies on sugarcane borer and sugarcane beetle in their relation to various varieties of sugarcane, soil animalcula affecting sugarcane culture, and insect transmission of sugarcane disease. Parasitic enemies of sugarcane insects.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture, and State agricultural experiment station.

New Orleans

Office, Division of Foreign Plant Quarantines.—Room 308, Customhouse, 423 Canal Street. Telephone, Main 6980. (Nights and holidays call Main 6989.) W. T. DILLARD, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Laboratory, Division of Forest Insect Investigations.—837 Gravier Street. Telephone, R. A. 1304 and 1305. T. E. SNYDER, senior entomologist, in charge.

Investigations of forest insects.

In cooperation with the Southern Forest Experiment Station and with private lumber associations.

Shreveport

Sublaboratory of Brownwood, Tex., laboratory, Division of Fruit Insect Investigations.—Room 607, Courthouse. Telephone 2-5023. W. C. PIERCE, junior entomologist, in charge.

Life history and control of phylloxera and the obscure scale on pecan.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture.

Tallulah

Laboratory, Division of Cotton Insect Investigations.—Two miles south of Tallulah on U. S. Highway 65. Telephone 49. R. C. GAINES, entomologist, in charge.

Boll weevil control with insecticides; hibernation and other ecological and biological studies of the boll weevil; parasites of the boll weevil; host plants other than cotton of boll weevil; effect of calcium arsenate on soils and on crops following its use; control of cotton insects such as the cotton-leaf worm, cotton aphid, thrips, flea beetles, leaf beetles, and other insects.

MAINE**Auburn**

District office of Augusta, Maine, suboffice, Division of Plant Disease Control.—No. 65 Conant Avenue. Telephone, 3777. G. H. KIMBALL, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white pine areas in the Auburn district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, towns, pine owners, and other agencies.

Augusta

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—Office of Forest Commissioner, State House. Telephone, 1200. W. O. FROST, associate pathologist, in charge.

State leader in cooperative control of white pine blister rust on important white-pine areas in Maine by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forest service and the State agricultural college, extension division.

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—Office of Chief, Division of Plant Industry, State House. Telephone, 1200. E. L. NEW-DICK, collaborator, in charge.

State leadership in cooperative control of the brown-tail moth in Maine.

Belfast

District office of Augusta, Maine, suboffice, Division of Plant Disease Control.—146 High Street. Telephone, 485-W. H. G. BRADBURY, JR., chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Belfast district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, towns, pine owners, and other agencies.

North Bridgton

District office of Augusta, Maine, suboffice, Division of Plant Disease Control.—Lakeview Avenue. P. O. Box 63. Telephone, Bridgton 130-11. D. S. CURTIS, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the North Bridgton district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Portland

Office, Division of Foreign Plant Quarantines.—United States Customhouse. G. J. DUNCAN, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the United States Treasury Department.

Waterville

District office of Augusta, Maine, suboffice, Division of Plant Disease Control.—22 Edgemont Avenue. Telephone, 1226. J. M. WHITE, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Waterville district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

MARYLAND

Baltimore

Office, Division of Foreign Plant Quarantines.—Room 409, Customhouse. Telephone, Plaza 8460, extension 73. W. A. RANCK, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Office, Division of Foreign Plant Quarantines.—Room 409, Customhouse. Telephone, Plaza 8460, extension 73. RICHARD FAXON, associate plant quarantine inspector, in charge.

Supervision of export certification in the Eastern States.

Office, Division of Japanese Beetle Control.—Room 306, Post Office Building, Calvert and Fayette Streets. Telephone, Plaza 8320, extension 457. W. C. ARMSTRONG, field supervisor in insect control, in charge.

Enforcement of the Japanese beetle quarantine in Maryland, West Virginia, and the eastern shore of Virginia, including supervision of inspection and certification, and nursery and greenhouse scouting.

In cooperation with the Maryland State horticulture department, and Virginia and West Virginia departments of agriculture.

Beltsville

Laboratory, Division of Control Investigations.—Laboratory A, National Agricultural Research Center. Telephone, Greenwood 1410, branch 18. J. F. YEAGER, JR., senior entomologist, in charge.

Investigations on development of insecticides and general investigations in insect physiology.

F. H. BABERS, associate biochemist, in charge of investigations on the digestion processes of leaf-feeding insects. Under special research fund (Bankhead-Jones).

A. C. JOHNSON, associate plant quarantine inspector, in charge of investigations on fumigation and use of gaseous insecticides.

Divisional Headquarters, Bee Culture.—National Agricultural Research Center. Telephone, Greenwood 1410, extension 19. J. I. HAMBLETON, principal apiculturist, in charge.

General supervision of all apicultural activities of the Bureau; investigations of controlled breeding of honeybees and of diseases of bees.

Laboratory, Division of Fruit Insect Investigations.—National Agricultural Research Center. Telephone, Greenwood 1410, branch 20. E. H. SIEGLER, senior entomologist, in charge.

The development and testing of new materials as substitutes for lead arsenate in codling moth control, and laboratory and field experiments on chemically treated bands for codling moth control.

Laboratory, Division of Insects affecting Man and Animals.—National Agricultural Research Center. Telephone, Greenwood 1410, 20-2 rings. WALLACE COLMAN, associate entomologist, in charge.

Studies in the biology and control of fabric pests, especially clothes moths and carpet beetles.

Laboratory, Division of Insecticide Investigations.—National Agricultural Research Center. Telephone, Greenwood 1410, branch 18. H. A. JONES, associate chemist, in charge.

Investigations of chemical methods of evaluating derris, cube, and domestic species of *Cracca*. Studies are also being made of the chemical and physical properties of insecticidal dusting materials, with particular reference to dusts containing nicotine; the particle size of paris green, calcium arsenate, dusting sulphur, and other insecticides; and new sticking agents for use with phenothiazine, nicotine peat, and other new organic insecticides.

Laboratory, Division of Truck Crop and Garden Insect Investigations.—National Research Center. Telephone, Greenwood 1410, extension 21. C. A. WEIGEL, senior entomologist, in charge.

Studies of insects affecting greenhouse and ornamental plants; studies of mushroom insects.

College Park

Laboratory, Division of Insecticide Investigations.—University of Maryland, Chemistry Building. Telephone, Greenwood 1660, branch 93. N. L. DRAKE, special chemist, in charge.

Development of organic insecticides and of methods for the determination of fumigant concentrations and residues.

Cumberland

Suboffice of Richmond, Va., office, Division of Plant Disease Control.—County Courthouse, care of district forester. Telephone, 147. H. E. YOST, agent, in charge.

Cooperative control of white pine blister rust on important white pine areas in Maryland by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forester and the State horticultural department.

Hagerstown

Suboffice of Baltimore, Md., office, Division of Japanese Beetle Control.—Office of county agricultural agent, basement of courthouse. Telephone, 6. H. O. WINDSOR, agent, in charge.

Enforcement of the Japanese beetle quarantine in Allegany, Frederick, and Washington Counties, Md., and the town of Keyser and district of Frankford, in Mineral County, W. Va., including inspection and certification service, and supervision of nursery and greenhouse scouting.

In cooperation with the Maryland State Horticultural Department and the West Virginia Department of Agriculture.

Salisbury

Suboffice of Baltimore, Md., office, Division of Japanese Beetle Control.—Room 202, New Post Office Building, Main Street. Telephone, Salisbury 1508. C. O. KELLY, agent, in charge.

Enforcement of the Japanese beetle quarantine on the eastern shores of Maryland and Virginia, including supervision of inspection and certification, and nursery and greenhouse scouting.

In cooperation with the Maryland State Horticultural Department and the Virginia Department of Agriculture and Immigration.

Westminster

Laboratory, Division of Bee Culture.—Science Building, Western Maryland College. Telephone, Westminster 513-J. L. M. BERTHOLF, agent, in charge.

Investigations on the effects of insecticides, repellents, and attractants of honeybees and other pollinating insects.

In cooperation with Western Maryland College.

MASSACHUSETTS

Boston

Office, Division of Domestic Plant Quarantines.—Fourth floor, Customhouse. Telephone, Capitol 7487. H. N. BARTLEY, associate entomologist, in charge.

Mr. Bartley, who is in charge of the enforcement of the joint Japanese beetle quarantine and gypsy moth office in New England, also supervises transit inspection of express, parcel post, and freight moving from, to, and through Boston, for the enforcement of domestic plant quarantines.

Office, Division of Foreign Plant Quarantines.—408 Atlantic Avenue. Telephone, Hancock 4423. W. H. FREEMAN, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Office, Division of Japanese Beetle Control.—Fourth floor, Customhouse. Telephone, Capitol 7487. H. N. BARTLEY, associate entomologist, in charge.

Enforcement of Japanese beetle quarantine in New England, including supervision of inspection and certification, and nursery and greenhouse scouting. Joint corn borer and gypsy moth and brown-tail moth inspection services are also operated in these States.

Office, Division of Plant Disease Control.—Room 206, Federal Building, Cambridge, Mass. Telephone, Kirkland 2551. E. C. FILLER, senior pathologist, in charge.

Field direction and general supervision of cooperative program to establish and maintain control of the white pine blister rust disease in important white-pine areas in the Northeastern States by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and the National Park Service and the States of Maine, Vermont, New Hampshire, Connecticut, Massachusetts, Rhode Island, New York, New Jersey, and Pennsylvania.

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—No. 136 State House. Telephone, Capitol 3610. C. C. PERRY, associate pathologist, in charge.

Cooperative control of white pine blister rust on important white-pine areas in Massachusetts by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State departments of agriculture and conservation and the State college, extension division.

Dalton

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—500 South Street, P. O. Box 254. Telephone 254-M. W. W. BANCROFT, principal scientific aide, in charge.

Supervision of scouting and control work against the gypsy moth in Massachusetts.

Great Barrington

District Office of Boston, Mass., suboffice, Division of Plant Disease Control.—Room 7, Marble Block, 274½ Main Street. Telephone, 834. G. S. DOORE, chief scientific aide, in charge.

Cooperative control of white pine blister rust on important white-pine areas in the Great Barrington district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Greenfield

Divisional Headquarters, Division of Gypsy and Brown-tail Moth Control.—20 Sanderson Street. Telephone, 3648. A. F. BURGESS, principal entomologist, in charge.

Headquarters for the field control work of the gypsy moth and the brown-tail moth to maintain a barrier zone, embracing over 9,000 square miles in New York east of the Hudson River, in western Vermont, in Massachusetts, and in Connecticut, to the westward spread of the gypsy moth.

In cooperation with the New England States and the conservation department of the State of New York. Cooperation maintained with the States of New Jersey and Pennsylvania in connection with the gypsy moth problem.

Jamaica Plain

Office, Division of Plant Disease Control.—Administration Building, Arnold Arboretum. Telephone, Harvard University, branch 1736. L. M. AMES, associate pathologist, in charge.

Identification and classification of species and varieties of *Berberis*; nursery inspection; and service to nursery inspectors and horticulturists in connection with barberry eradication program.

In cooperation with botany department, Harvard University.

North Abington

District office of Boston, Mass., suboffice, Division of Plant Disease Control.—296 Randolph Street. Telephone, Rockland, 1009-M. E. M. BROCKWAY, assistant pathologist, in charge.

Cooperative control of white pine blister rust on important white-pine areas in the North Abington district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Vineyard Haven

Laboratory, Division of Insects Affecting Man and Animals.—Corner Franklin Street and Daggett Avenue. Telephone, 949. CARROLL N. SMITH, assistant, entomologist, in charge.

Studies of the biology, habits, and methods of control of the American dog tick, and its relation to spotted fever.

West Springfield

Suboffice of New York, N. Y., office, Division of Domestic Plant Quarantines.—22 Garden Street. MILTON J. SAWYER, JR., agent, in charge.

Inspection of express, parcel post, and freight moving from, to, and through Springfield, for the enforcement of domestic plant quarantines.

District office of Boston, Mass., suboffice, Division of Plant Disease Control.—No. 1499 Memorial Avenue. Telephone, 6-7204. R. E. WHEELER, chief scientific aide, in charge.

Cooperative control of white pine blister rust on important white pine areas in the Springfield district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Worcester

District office of Boston, Mass., suboffice, Division of Plant Disease Control.—Room 414 Federal Building, Main Street. Telephone, 3-5477. W. CLAVE, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Worcester district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

MEXICO

Mexico

Divisional headquarters, Division of Fruit Fly Investigations.—Calzada Mexico-Tacuba 295, Colonia Anahuac, Mexico, D. F. Telephone, Ericsson 63277. Express and freight shipments through J. B. R. Leary, Laredo, Tex. A. C. BAKER, principal entomologist, in charge; W. E. STONE, senior entomologist, first assistant.

The Division is concerned with investigations of the habits, distribution, and development of control measures for fruit flies. Headquarters are maintained at the Mexican laboratory, as indicated above, and the investigations are carried out at laboratories in the Canal Zone, Hawaii, Mexico, and Puerto Rico and at suitable temporary field locations.

In cooperation with Sanidad Vegetal and the Instituto Biológico, Secretaría de Agricultura y Fomento.

MICHIGAN

Detroit

Suboffice of Chicago office, Division of Domestic Plant Quarantines.—16621 Braile Avenue. T. J. WEHRSCHEIDT, agent, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through Detroit for the enforcement of domestic quarantine regulations. November to May.

Office, Division of Foreign Plant Quarantines.—Room 1, Customhouse. Telephone, Cadillac 5814. W. W. WOOD, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Escanaba

District office of Lansing, Mich., suboffice, Division of Plant Disease Control.—Telephone, 1930. J. K. KROEBER, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the upper Michigan district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Lansing

Suboffice of Milwaukee, Wis., office, Division of Plant Disease Control.—State Department of Agriculture. Telephone, 5-8144, extension 308. E. C. MANDENBERG, collaborator, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in Michigan by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and State department of agriculture.

Office, Division of Plant Disease Control.—Room 211, Post Office Building. P. O. Box 598. Telephone, 5-5518. F. B. POWERS, associate pathologist, in charge.

Field direction and general supervision of cooperative program to locate and destroy the common barberry, which spreads black stem rust to small-grain crops in Michigan.

In cooperation with the State college of agriculture, State department of agriculture, and independent agricultural agencies.

Newaygo

District office of Lansing, Mich., suboffice, Division of Plant Disease Control.—Telephone, 38. R. I. THOMPSON, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the lower Michigan district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Port Huron

Office, Division of Foreign Plant Quarantines.—Customhouse. Telephone, 6933. E. C. COLQUITT, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the United States Treasury Department.

MINNESOTA

Duluth

District office of St. Paul, Minn., suboffice, Division of Plant Disease Control.—219 Federal Building. Telephone, Melrose 1508. D. M. STEWART, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Duluth district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Minneapolis

Office, Division of Plant Disease Control.—111 Federal Office Building. Telephone, Bridgeport 2048. R. O. BULGER, senior pathologist, in charge.

Field direction and supervision of cooperative program for the control of stem rust of cereal crops.

In cooperation with State colleges of agriculture, State departments of agriculture, and independent agricultural agencies in 17 important grain-growing States.

St. Paul

Suboffice of Chicago, Ill., office, Divisions of Foreign and Domestic Plant Quarantines.—Room 202, New Post Office Building. Telephone, Cedar 0813. H. W. HECKER, assistant plant quarantine inspector, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through St. Paul, for the enforcement of domestic and foreign plant quarantines.

In cooperation with the State department of agriculture.

Suboffice of Milwaukee, Wis., office, Division of Plant Disease Control.—Office of Division of Forestry, State Office Building. Telephone, Cedar 3020, extension 454. L. B. RITTER, associate pathologist, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in Minnesota by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service, the Indian Service, and the Minnesota department of conservation.

Office, Division of Plant Disease Control.—University Farm. Telephone, Nestor 7611. E. C. STAKMAN, agent, in charge.

Surveys of the occurrence, prevalence, and severity of stem rust in the United States as related to the barberry-eradication

program; testing different species and varieties of barberry for reaction to the stem rust fungus.

In cooperation with the College of Agriculture, University of Minnesota.

Office, Division of Plant Disease Control.—University Farm. Telephone, Nestor 7611, branch 95. L. W. MELANDER, associate pathologist, in charge.

Field direction and general supervision of cooperative program to locate and destroy the common barberry which spreads black stem rust on small-grain crops in the State.

In cooperation with College of Agriculture, University of Minnesota, State department of agriculture, and independent agricultural agencies.

Walker

District office of St. Paul Minn., suboffice, Division of Plant Disease Control.—Conservation Building. Telephone, 64. J. N. LICKE, agent, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Walker district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

MISSISSIPPI

Biloxi

Laboratory, Division of Truck Crop and Garden Insect Investigations.—137 Lameuse Street. P. O. Box 205. Telephone, 476. K. L. COCKERHAM, associate entomologist, in charge.

Investigations of the Gulf wireworm, the vegetable weevil, and the sweetpotato weevil.

Gulfport

Office, Division of Domestic Plant Quarantines.—Room 7, Gates and Cook Building, Telephone 448. T. R. STEPHENS, plant quarantine inspector, in charge.

Field direction of cooperative program to control the sweetpotato weevil.

In cooperation with the States of Alabama, Louisiana, Mississippi, Georgia, Florida, and Texas.

State College

Laboratory, Division of Cotton Insect Investigations.—Room 101, Biology Building, Laboratory, third floor, Agricultural Experiment Station Building. P. O. Box 121. Telephone, Starkville 450. F. H. TUCKER, junior chemist, in charge.

Boll weevil control tests in different sections of State; boll weevil parasites; relation of calcium arsenate and other arsenicals to various soils and to cotton and other crops grown on them; investigations on cotton flea hopper and related mirids.

In cooperation with the Bureaus of Chemistry and Soils and of Plant Industry of the United States Department of Agriculture, the State agricultural experiment station, and the State plant board.

Stoneville

Laboratory, Division of Cotton Insect Investigations.—Delta Branch Experiment Station, 2 miles from Leland and 10 miles from Greenville. Express and freight, Leland, Miss. P. O. Box 8, Leland. Telephone, Leland 247-W. E. W. DUNNAM, entomologist, in charge.

To study boll weevil resistant characters of varieties of cotton.

In cooperation with the Bureau of Plant Industry of the United States Department of Agriculture, Mississippi Agricultural Experiment Station, and Louisiana Agricultural Experiment Station.

MISSOURI

Jefferson City

Office, Division of Plant Disease Control.—Room 111, Capitol Building. P. O. Box 838. Telephone, 2774. G. M. FRANDSEN, agent, in charge.

Field direction and general supervision of cooperative program to locate and destroy the common barberry, which spreads black stem rust to small-grain crops in Missouri.

In cooperation with the college of agriculture, University of Missouri, State department of agriculture, and independent agricultural agencies.

Kansas City

Suboffice of Chicago office, Division of Domestic Plant Quarantines.—Kansas City Terminal Railway Post Office (district 9). EDWARD A. BURNS, agent, in charge.

Checking plant material in transit for the enforcement of domestic quarantine regulations.

St. Joseph

Laboratory, Division of Fruit Insect Investigations.—2925 Olive Street. Telephone, 6-3228. H. BAKER, associate entomologist, in charge.

Field investigations of insecticides and banding for control of codling moth.

St. Louis

Suboffice of Chicago office, Division of Domestic Plant Quarantines.—303 Municipal Courts Building, City Parks Department, or Hotel Marquette. M. E. CONNOLLY, agent, in charge.

Transit inspection of express, parcel post, and freight, moving from, to, and through St. Louis for enforcement of domestic plant quarantines.

In cooperation with the State department of agriculture.

MONTANA

Bozeman

Laboratory, Division of Cereal and Forage Insect Investigations.—Campus of the Montana State College. Telephone, Montana State College, 147. J. R. PARKER, senior entomologist, in charge.

Central station for the study of grasshoppers injurious to agriculture. Plans for regional control of grasshoppers. Exercises general field supervision over regional control operations against grasshoppers and Mormon crickets.

In cooperation with the United States Department of the Interior, Forest Service, Office of Soil Conservation, Montana Agricultural Experiment Station and other experiment stations of the Intermountain, Pacific, and Northwestern States.

Suboffice of Fargo, N. Dak., office, Division of Plant Disease Control.—Botany Department, Experiment Station, Montana State College of Agriculture. Telephone, 147, extension 46. H. E. MORRIS, agent, in charge.

Field direction of cooperative program to locate and destroy the common barberry, which spreads black stem rust to small-grain crops in the district comprising North Dakota and Montana.

In cooperation with State college of agriculture, State department of agriculture, and independent agricultural agencies.

Missoula

Suboffice of Fargo, N. Dak., office, Division of Plant Disease Control.—P. O. Box 214. IVAR TWILDE, assistant pathologist, in charge.

General supervision of field activities in the cooperative program in Montana to locate and destroy common barberries, which spread black stem rust to small-grain crops.

In cooperation with the State college of agriculture, State department of agriculture, and independent agricultural agencies.

NEBRASKA

Lincoln

Office, Division of Plant Disease Control.—313 Plant Industry Building, College of Agriculture. Telephone, M-2371, extension 231. M. E. YOUNT, associate pathologist, in charge.

Field direction of cooperative program in Nebraska to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with the college of agriculture, University of Nebraska, State department of agriculture, and independent agricultural agencies.

Omaha

Suboffice of Chicago, Ill., office, Division of Domestic Plant Quarantines.—502 Federal Office Building. Telephone, Jackson 7909, extension 186. N. H. DUNLAP, junior plant quarantine inspector, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through Omaha for enforcement of domestic plant quarantine regulations.

In cooperation with the State department of agriculture and inspection.

NEW HAMPSHIRE

Concord

District office of Concord, N. H., suboffice, Division of Plant Disease Control.—Room 5, 88 North Main Street. Telephone, 1546-W. T. J. KING, chief scientific aide, in charge.

Cooperative control of white pine blister rust on important white pine areas in the Concord district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—Office of State Forester, Patriot Building, 4 Park Street. Telephone, 800. L. E. NEWMAN, agent, in charge.

Cooperative control of white pine blister rust on important white pine areas in New Hampshire by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forestry commission and the State agricultural college, extension division.

Durham

Office, Division of Gypsy and Brown-tail Moth Control.—Office of Deputy Commissioner in Charge of Moth Work. Thompson Hall, University of New Hampshire. Telephone, 187. W. C. O'KANE, collaborator, in charge.

State leadership in cooperative control of the brown-tail moth in New Hampshire.

Keene

District office of Concord, N. H., suboffice, Division of Plant Disease Control.—Farmers Exchange, 17 Roxbury Street, Room 9. Telephone, 1158. F. J. BAKER, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Keene district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Lebanon

District office of Concord, N. H., suboffice, Division of Plant Disease Control.—Room 24, Bank Block, 16 West Park Street. Telephone, 7-W. G. F. RICHARDSON, JR., chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Lebanon district by eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

North Conway

District office of Concord, N. H., suboffice, Division of Plant Disease Control.—P. O. Box 436. Telephone, 98. S. H. BOOMER, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the North Conway district by eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

DEPARTMENT OF AGRICULTURE
BUREAU OF ENTOMOLOGY

CHIEF OF STAFF
ASSISTANT CHIEF
ASSISTANT CHIEF
SPECIAL RESEARCH

FRUIT INSECT INVESTIGATIONS
Investigations to develop methods of control of insects affecting fruit and fruit trees including Japanese and Asiatic beetles.

MEXICAN FRUIT FLY CONTROL
Control and prevention of spread of Mexican fruit fly including enforcement of Federal quarantine.

FRUIT FLY INVESTIGATIONS
Investigations to develop methods of control of fruit flies.

JAPANESE BEETLE CONTROL
Control and prevention of spread of the Japanese beetle and the Dutch elm disease; including enforcement of Federal quarantines on Japanese beetle, Dutch elm disease, and gypsy and brown-tail moths; also certification of products to meet requirements of State quarantines on European corn borer.

CONTROL INVESTIGATIONS
Investigations on effect of insecticides, repellents, and attractants on insects and development of methods of applying control principles commercially.

GYPSY AND BROWN-TAIL MOTH CONTROL
Control and prevention of spread of gypsy and brown-tail moths.

FOREST INSECT INVESTIGATIONS
Investigations to develop methods of control of insects affecting forest and shade trees and wood products.

PLANT DISEASE CONTROL
Control and prevention of spread of white-pine blister rust and black stem rust.

DOMESTIC PLANT QUARANTINES
Enforcement of domestic plant quarantines in cooperation with State officials, postal authorities, and common carriers; inspection in transit of plant products regulated under Federal quarantine, and control and prevention of spread of phony peach disease, peach mosaic, citrus canker, sweetpotato weevil, and white fringed beetle.

FOREIGN PLANT QUARANTINES
Enforcement of foreign plant quarantines at ports of entry; certification of plant products to meet sanitary requirements of foreign countries.

BUSINESS ADMINISTRATION
Direction of operations accounts, audit purchase and files, claims

EDITORS
Receives publication technical material

LIBRARIAN
Maintenance of entomological library, preparation on entomological publications

INSECT PREDATORS AND INFECTIVES
Collection and analysis of data on insect predators and infectives; preparation of releases; direction of graphic work, preparation of technical publications

AGRICULTURE AND PLANT QUARANTINE

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**CEREAL AND
FORAGE INSECT
INVESTIGATIONS**
Investigations to develop
methods of control of insects
affecting cereal and forage crops.

**TRUCK CROP AND
GARDEN INSECT
INVESTIGATIONS**
Investigations to develop
methods of control of insects
affecting truck crop and
garden and greenhouse plants.

**COTTON INSECT
INVESTIGATIONS**
Investigations to develop
methods of control of insects
affecting cotton.

**PINK BOLLWORM AND
THURBERIA WEEVIL
CONTROL**
Control and prevention of
spread of pink bollworm and
Thurberia weevil including en-
forcement of Federal quarantines.

**INSECT
IDENTIFICATION**
Identification and classifi-
cation of insects including
studies on insect anatomy and
morphology.

**INSECTS AFFECTING
MAN AND ANIMALS**
Investigations to develop
methods of control of insects
attacking man and animals
and the insect pests of
households.

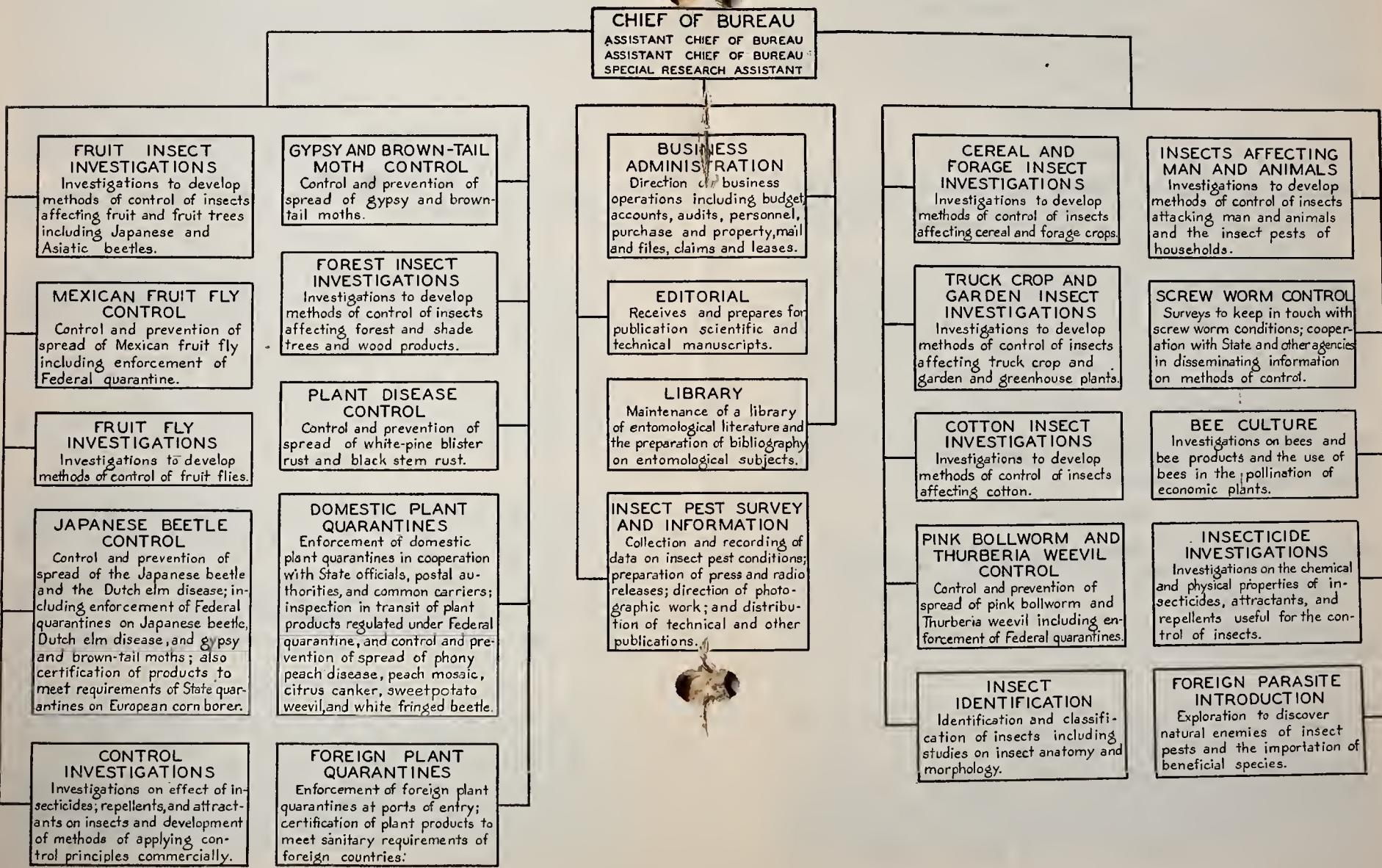
SCREW WORM CONTROL
Surveys to keep in touch with
screw worm conditions; cooperation
with State and other agencies
in disseminating information
on methods of control.

BEE CULTURE
Investigations on bees and
bee products and the use of
bees in the pollination of
economic plants.

**INSECTICIDE
INVESTIGATIONS**
Investigations on the chemical
and physical properties of in-
secticides, attractants, and
repellents useful for the con-
trol of insects.

**FOREIGN PARASITE
INTRODUCTION**
Exploration to discover
natural enemies of insect
pests and the importation of
beneficial species.

DEPARTMENT OF AGRICULTURE
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE





Woodsville

District office of Concord, N. H., suboffice, Division of Plant Disease Control.—Farm Bureau, Pleasant Street. Telephone, 241-2. T. L. KANE, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Woodsville district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

NEW JERSEY

Bloomfield

Divisional Headquarters, Division of Japanese Beetle Control.—Glenwood Avenue and Henry Streets. Telephone, Bloomfield 2-4901. E. G. BREWER, principal administrative officer, in charge.

Enforcement of quarantines relating to Japanese beetle, European corn borer, and gypsy and brown-tail moths. Trapping in nonquarantined States to determine infestation, and chemical treatment of isolated infestations. Gypsy moth and brown-tail moth quarantine inspection and certification. Corn borer certification in compliance with State quarantines authorizing entry of restricted articles under Federal certification only. Dutch elm disease eradication and control.

In cooperation with the States of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia.

Bound Brook

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—Second Street. P. O. Box 506. Telephone, 622-W. H. A. AMES, senior administrative assistant, in charge.

Supervision of cooperative control work against the gypsy moth in New Jersey.

Glassboro

Suboffice of Trenton, N. J., office, Division of Japanese Beetle Control.—Main and High Streets. Telephone, Glassboro 228. L. D. GRAY, agent, in charge.

Enforcement of the Japanese beetle quarantine in southern New Jersey, including inspection and certification service and supervision of nursery and greenhouse scouting. Both Federal and State corn-borer certification is rendered by inspectors in this area. In cooperation with the State department of agriculture.

Moorestown

Sublaboratory of Toledo, Ohio, laboratory, Division of Cereal and Forage Insect Investigations. Laboratories, Flynn Avenue and Park Boulevard. Just off Camden-Mt. Holly Pike. P. O. Box 150. Telephone, 854. C. A. CLARK, associate entomologist, in charge.

Surveys of European corn-borer distribution and abundance. Storage and emergence of imported European corn-borer parasites. Studies of Japanese beetle on corn.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture.

Laboratory, Division of Foreign Parasite Introduction.—Flynn Avenue and Park Boulevard. P. O. Box 150. Telephone, 854. T. R. GARDNER, entomologist, in charge.

Receiving station for parasite shipments of foreign origin; rearing out under quarantine conditions and transmitting pure colonies of parasites to field stations of the several divisions.

Laboratory, Division of Fruit Insect Investigations.—Flynn Avenue and Park Boulevard, just off Camden-Mt. Holly Pike, west of town. P. O. Box 150. Telephone, 854. C. H. HADLEY, principal entomologist, in charge.

Investigations relating chiefly to the Japanese beetle, the major lines being biological studies, control studies, and parasite studies; also investigations relating to the Asiatic beetles, chiefly the Asiatic garden beetle, including control and parasite studies.

In cooperation with the New Jersey Agricultural Experiment Station, the Maryland Agricultural Experiment Station, the Pennsylvania State Department of Agriculture, the Virginia Truck Experiment Station, the Illinois Agricultural Experiment Station, and the Illinois Natural History Survey.

Laboratory, Division of Fruit Insect Investigations.—Just off Camden-Moorestown Pike, west of town. P. O. Box 150. Telephone, 854. H. W. ALLEN, entomologist, in charge.

Study of parasites of the oriental fruit moth; breeding of parasite species from foreign countries; colonization of parasites in new areas, recovery surveys following colonization, in cooperation with State agencies; mass breeding of codling moth parasites.

Laboratory, Division of Insecticide Investigations.—Flynn Avenue and Park Boulevard. P. O. Box 150. Telephone, 854. R. D. CHISHOLM, associate chemist, in charge.

Chemical development of insecticides for Japanese beetle control. Investigations of soil treatment with lead arsenate for control of grubs. Study of methods of offsetting the deleterious effects of lead arsenate in soil.

In cooperation with the State experiment station.

Morristown

Laboratory, Division of Forest Insect Investigations (Dutch Elm Disease Laboratory).—8 Whippany Road. Telephone, Morristown 4-0373. C. W. COLLINS, senior entomologist, in charge.

Study of possible insect vectors of the Dutch elm disease, including not only the introduced and native elm bark beetles but all other insects that may be instrumental in transmitting the disease.

In cooperation with the Bureau of Plant Industry and the Dutch elm disease eradication organization of the United States Department of Agriculture, and various agencies in the infected area.

Trenton

Office, Division of Japanese Beetle Control.—Yardville Pike, White Horse. P. O. Box 1. Telephone, 6261 and 6262. J. H. HARMAN, assistant entomologist, in charge.

Enforcement of the Japanese beetle quarantine in New Jersey, including the supervision of inspection and certification, nursery and greenhouse scouting, and chemical treatments of quarantined articles. Both Federal and State corn borer certification is rendered by the inspectors under the supervision of the Trenton headquarters.

In cooperation with the State department of agriculture.

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—Room 612, Mechanics National Bank Building, 1 West State Street. Telephone, 2-2131, extension 322. P. B. MOTT, assistant pathologist, in charge.

State leadership in cooperative control of white pine blister rust on important white pine areas in New Jersey by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State department of agriculture, bureau of plant industry.

NEW MEXICO

Albuquerque

Suboffice of Little Rock, Ark., office, Division of Domestic Plant Quarantine.—202 Knights of Pythias Building. C. H. ROTHE, assistant plant quarantine inspector, in charge.

Field headquarters for project established for the eradication of peach mosaic disease in the States of Arizona, California, Colorado, New Mexico, Texas, and Utah.

Carlsbad

Suboffice of El Paso, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—200 Block, West Canyon Street. P. O. Box 784. B. C. GRAHAM, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in the Pecos Valley of New Mexico.

In cooperation with the New Mexico plant quarantine officer.

Las Cruces

Suboffice of El Paso, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 849. R. R. ROSA, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in New Mexico.

In cooperation with the New Mexico plant quarantine inspector.

Las Vegas

Sublaboratory of Tempe, Ariz., laboratory, Division of Cereal and Forage Insect Investigations.—Federal Building. J. C. FRANKENFELD, associate entomologist, in charge.

Control of range caterpillar through parasitic enemies.

Roswell

Suboffice of El Paso, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—Room 340, Federal Building. P. O. Box 845. Telephone, 457. W. B. ROGERS, assistant plant quarantine inspector, in charge.

Pink bollworm quarantine operations in the Pecos Valley of New Mexico. In cooperation with the State plant quarantine officer.

NEW YORK

Albany

Office, Division of Gypsy and Brown-tail Moth Control.—State Conservation Department, State Office Building. Telephone, 3-5511. H. L. MCINTYRE, collaborator, in charge.

State leadership in cooperative control of the gypsy moth in New York.

Cooperating with the Greenfield, Mass., office.

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—New York State Conservation Department, State Office Building. Telephone, 3-5511, extension 710. H. L. MCINTYRE, collaborator, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in New York by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State conservation department and the State agricultural college, extension division.

Babylon

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Rubino Estate, North Deer Park Avenue. P. O. Box 786. Telephone, 307. RANDALL LATTA, assistant entomologist, in charge.

Investigations of the biology and the control of bulb insects, the bulb nematode, and the insect vectors of narcissus mosaic.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture.

Boonville

District office of Albany, N. Y., suboffice, Division of Plant Disease Control.—Thornton Avenue. T. P. WOOLSCHLAGER, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Boonville district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Buffalo

Office, Division of Foreign Plant Quarantines.—Room 310, Federal building. Telephone, Cleveland 2855. F. G. INMAN, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Geneva

Laboratory, Division of Fruit Insect Investigations.—New York Agricultural Experiment Station.

D. L. COLLINS, agent, in charge.

Studies of reaction of codling moth to light and control by the use of light traps.

In cooperation with the New York State Agricultural Experiment Stations at Geneva and Ithaca.

Gloversville

District office of Albany, N. Y., suboffice, Division of Plant Disease Control.—Farm Bureau Office. Telephone, 3050. J. W. CHARLTON, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Gloversville district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Gouverneur

District Office of Albany, N. Y., suboffice, Division of Plant Disease Control.—No. 48 John Street. C. B. KRESGE, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Gouverneur district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Hyde Park

District Office of Albany, N. Y., suboffice, Division of Plant Disease Control.—Kirchner Avenue. Telephone, 122. H. G. STRAIT, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white pine areas in the Hyde Park district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

New York

Office, Division of Foreign Plant Quarantines.—Room 844, Federal Building, 641 Washington Street. Telephone, Canal 6-2100, extensions 360 and 361. M. KISLIUK, JR., senior plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Suboffice of Chicago office, Division of Domestic Plant Quarantines.—Room 836-B, Federal Building, 641 Washington Street. Telephone, Canal 6-2100, branch 293. M. J. KELLY, chief scientific aide, in charge.

Inspection of express, parcel post, and freight moving from, to, and through New York City, for the enforcement of domestic plant quarantines. Headquarters for transit-inspection activities in the States of New York, Pennsylvania, and New England.

In cooperation with the New York State department of agriculture and markets.

Office, Division of Japanese Beetle Control.—Room 838, Federal Building, 641 Washington Street. Telephone, Canal 6-2100, extension 287. H. L. SMITH, agent, in charge.

Enforcement of the Japanese beetle quarantine in southeastern New York and Long Island, including supervision of inspection and certification, and nursery and greenhouse scouting. Corn borer inspection service is also maintained in this area. In cooperation with the State department of agriculture and markets.

Peru

District Office of Albany, N. Y., suboffice, Division of Plant Disease Control.—H. W. HOLCOMB, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Peru district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Poughkeepsie

Laboratory, Division of Fruit Insect Investigations.—Box 51, Vassar College. P. J. CHAPMAN, agent (headquarters, Geneva), in general charge, representing the experiment station. D. W. HAMILTON, junior entomologist, in local charge, representing the Bureau.

Investigations on the biology and control of the codling moth and the apple maggot by insecticides and baits.

In cooperation with the New York agricultural experiment stations.

Sand Lake

District office of Albany, N. Y., suboffice, Division of Plant Disease Control.—Telephone, Averill Park 187. H. J. McCASLAND, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Sand Lake district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other agencies.

Saratoga Springs

District office of Albany, N. Y., suboffice, Division of Plant Disease Control.—Farm Bureau Office, National Bank Building, Broadway. Telephone, 724-J. P. E. BARBER, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Saratoga Springs district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other agencies.

Syracuse

Office, Division of Japanese Beetle Control.—Room 200, 2507 James Street. Telephone, 2-7394. LELAND WOLFE, agent, in charge.

Enforcement of the Japanese beetle quarantine in northern and central New York, including supervision of inspection and certification, and nursery and greenhouse scouting. Joint corn borer inspection service is also maintained in this area.

In cooperation with the State department of agriculture and markets.

Warrensburg

District office of Albany, N. Y., suboffice, Division of Plant Disease Control.—Telephone, 66. N. H. HARPP, chief scientific aide, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Warrensburg district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

White Plains

Office, Division of Japanese Beetle Control.—22 Bank Street. Telephone, White Plains 7150. J. F. WOOTEN, chief scientific aide, in charge.

State leader in scouting for and cooperating with the State in the eradication of the Dutch elm disease.

In cooperation with the State department of agriculture and markets.

NORTH CAROLINA

Asheville

Laboratory, Division of Forest Insect Investigations.—223 Federal Building. B. H. WILFORD, associate entomologist, in charge.

Studies of the bark beetles affecting southern pines, and prevention of insect injury to forest products; tree medication for the control of bark beetles and protection of forest products from insect attack; also on the interrelation of bark beetles and blue stains.

In cooperation with Forest Service and Bureau of Plant Industry, United States Department of Agriculture.

Suboffice of Richmond, Va., office, Division of Plant Disease Control.—Room 604, County Courthouse Building. Telephone, 1-408. H. B. TEAGUE, agent, in charge.

State leadership in cooperative control of white-pine blister rust on important white pine areas in North Carolina by the eradication of wild and cultivated currant and gooseberry bushes.

In cooperation with State department of agriculture.

Chadbourn

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Highway No. 74. P. O. Box 146. Telephone, 307. W. A. THOMAS, assistant entomologist, in charge.

Investigations of cabbage webworm, strawberry weevil, and strawberry root aphid.

In cooperation with the Bureau of Plant Industry of the United States Department of Agriculture and with the North Carolina Agricultural Experiment Station.

Oxford

Laboratory, Division of Truck Crop and Garden Insect Investigations.—412 Kingsbury Street. Telephone, 537. W. A. SHANDS, associate entomologist, in charge.

Investigations of insects affecting flue-cured tobacco.

In cooperation with the North Carolina Agricultural Experiment Station.

Salisbury

Laboratory, Division of Fruit Insect Investigations.—County Courthouse. P. O. Box 965. J. F. COOPER, associate entomologist, in charge.

Headquarters for the study of the Japanese beetle in the outer zone of spread, under conditions of isolated and light infestations.

In cooperation with the Division of Japanese Beetle Control, and State agencies.

NORTH DAKOTA

Fargo

Office, Division of Plant Disease Control.—Room 206, Post Office Building. P. O. Box 1609. Telephone, 571. G. C. MAYOUE, associate pathologist, in charge.

Field direction and general supervision of cooperative program to locate and destroy the common barberry which spreads black stem rust to small-grain crops in North Dakota and Montana.

In cooperation with the State agricultural college, State department of agriculture, and independent agricultural organizations.

OHIO

Canton

Office, Division of Japanese Beetle Control.—307 Mellett Building. P. O. Box 9. Telephone, Canton 26702. O. P. NORRIS, field supervisor in insect control, in charge.

Enforcement of the Japanese beetle quarantine in Ohio, including supervision of inspection and certification, and nursery and greenhouse scouting. Corn-borer inspection service is also maintained in this area.

In cooperation with the State department of agriculture.

Cincinnati

Suboffice of Chicago office, Division of Domestic Plant Quarantines.—318 Post Office Annex. Liberty and Dalton Streets. E. J. McNERNEY, agent, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through Cincinnati, for the enforcement of domestic plant quarantines.

Columbus

Laboratory, Division of Forest Insect Investigations.—Central States Forest Experiment Station, Horticulture and Forestry Building, Ohio State University. Telephone, Univ. 3148, extension 448. R. C. HAIL, assistant entomologist, in charge.

Study of the locust borer in plantations and natural stands; relation of borer activity to soil, exposure, and other site factors.

In cooperation with Forest Service of the United States Department of Agriculture, Ohio State University, and organizations of private owners of timberland.

Office, Division of Plant Disease Control.—Room 449, Post Office Building. P. O. Box 746. Telephone, Adams 9131, extension 281. H. ATWOOD, associate pathologist, in charge.

Field direction and general supervision in Ohio of cooperative program to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with the college of agriculture, Ohio State University, State department of agriculture, and independent agricultural agencies.

Laboratory, Division of Truck Crop and Garden Insect Investigations.—151 West Eleventh Avenue. Telephone, University 9910. N. F. HOWARD, senior entomologist, in charge.

Bean- and pea-insect investigations. Investigations of insecticides for the bean beetle, the bean leaf hopper, and sucking plant bugs, consisting principally of control measures and natural enemies of certain cabbage pests.

In cooperation with Ohio State University.

Sandusky

Laboratory, Division of Fruit Insect Investigations.—Bliss Building. P. O. Box 806. Telephone, M-491-J. G. A. RUNNER, associate entomologist, in charge.

Headquarters for studies of life history, habits, and control of grape insects, including the grape berry moth and its possible control by substitute materials for lead arsenate and by cultural practices; control measures for grape root worm and for leaf hoppers.

In cooperation with the Bureau of Agricultural Engineering, United States Department of Agriculture, and the State agricultural experiment station.

Toledo

Laboratory, Division of Cereal and Forage Insect Investigations.—1920 Parkwood Avenue. Telephone, Adams 4017. W. A. BAKER, senior entomologist, in charge.

Headquarters for European corn borer investigations. Biological, ecological, and control studies, including fluctuations in intensity and distribution of the borer, studies of corn characteristics in relation to their inhibiting influence on borer development in various corn strains, and utilization of parasites as one of the natural factors of borer control. Hibernation studies of corn ear worm.

In cooperation with Bureaus of Agricultural Engineering, Plant Industry, and Chemistry and Soils, of the United States Department of Agriculture, the Connecticut Agricultural Experiment Station, the Virginia Truck Experiment Station, and the Dominion and Provincial entomologists of Canada.

Wooster

Laboratory, Division of Fruit Insect Investigations.—Ohio Agricultural Experiment Station. R. B. NEISWANDER, agent, in charge.

Studies of parasites of the oriental fruit moth.

In cooperation with the Ohio Agricultural Experiment Station.

Suboffice of Milwaukee, Wis., office, Division of Plant Disease Control.—State Agricultural Experiment Station. Telephone, 39. O. J. DOWD, assistant pathologist, in charge.

State leadership in cooperative control of white pine blister rust on important white pine areas in Ohio by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Ohio Agricultural Experiment Station, division of plant industry, Ohio State department of agriculture, and the State forester.

OREGON

Corvallis

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Agricultural Experiment Station. P. O. Box 248. Telephone, Experiment station switchboard. J. C. CHAMBERLAIN, associate entomologist, in charge.

Investigations of the pea weevil as a pest of garden and Austrian peas.

In cooperation with Oregon Agricultural Experiment Station.

Laboratory, Division of Fruit Insect Investigations.—Oregon Agricultural Experiment Station. S. C. JONES, agent, in charge.

Biology and control of pear thrips on prunes.

In cooperation with the Oregon Agricultural Experiment Station.

Eugene

Laboratory, Division of Fruit Insect Investigations.—1701 Riverview Avenue. P. O. Box 346. S. M. DOHANIAN, associate entomologist, in charge.

Filbert-insect investigations, including studies of the biology, habits, and host-plant relations of the Catalina cherry moth, as a basis for control measures.

Forest Grove

Laboratory, Division of Cereal and Forage Insect Investigations.—Room 1, Miller Building, 1 Main Street, North. Telephone, 198-W. L. P. ROCKWOOD, entomologist, in charge.

The pea aphid and other insect pests of leguminous forage and seed crops, grasshoppers under range conditions, entomogenous fungi, and miscellaneous pests of grains and grasses are studied.

In informal cooperation with Oregon and Washington Agricultural Experiment Stations.

Medford

Sublaboratory of Salt Lake City laboratory, Division of Cereal and Forage Insect Investigations.—720 West Jackson Street. R. C. NEWTON, junior entomologist, in charge.

Investigations on alfalfa weevil control.

Suboffice of Oakland, Calif., office, Division of Plant Disease Control.—Office and warehouse, 103 South Front Street. Telephone, Medford 351. CONRAD P. WESSELA, associate forester, in charge.

State leader of cooperative control of white-pine blister rust on important white-pine areas in Oregon by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service, National Park Service, the State of Oregon, pine owners, and other local agencies.

Portland

Laboratory, Division of Forest Insect Investigations.—Room 445, United States Courthouse, Sixth and Main Streets. Telephone, Atwater 6171, extension 632. F. P. KEEN, entomologist, in charge.

Headquarters of bark-beetle control projects on national forests and national parks in Oregon and Washington. Studies of the western pine beetle, mountain pine beetle, hemlock looper, etc., and methods of control. Special studies of climatic factors influencing the abundance of bark beetles and the rise and fall of epidemics.

In cooperation with Forest Service, United States Department of Agriculture, National Park Service, Bureau of Indian Affairs. State forestry department, and organizations of private owners of forest land.

Office, Division of Foreign Plant Quarantines.—Room 439, United States Courthouse, Sixth and Main Streets. Telephone, Atwater 6171, extension 607. T. J. BAKER, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Laboratory, Division of Insects Affecting Man and Animals.—Room 440, United States Courthouse, Sixth and Main Streets. H. H. STAGE, associate entomologist, in charge.
Biology and control of mosquitoes in the Pacific Northwest.

PENNSYLVANIA

Brookville

District office of Harrisburg, Pa., suboffice, Division of Plant Disease Control.—Relief Building. Telephone, 373. MARCO J. DEBERTI, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Brookville district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Carlisle

Laboratory, Division of Cereal and Forage Insect Investigations.—No. 624 West Louther Street. C. C. HILL, associate entomologist, in charge.

Headquarters for the study of the insect parasites of the hessian fly and for the study of the host insect under eastern soft-wheat cultural conditions; the sawflies of wheat; and the vetch bruchid.

In cooperation with the State universities and agricultural experiment stations of New York, Pennsylvania, Ohio, Delaware, Maryland, Virginia, and North Carolina.

Clearfield

District office of Harrisburg, Pa., suboffice, Division of Plant Disease Control.—Room 12, County National Bank Building. P. O. Box 311. P. H. SIMMONDS, agent, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Clearfield district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Harrisburg

Suboffice of Boston, Mass., office, Division of Plant Disease Control.—Room 408, Educational Building. Department of Forests and Waters. Telephone, 5151, extension 388. R. P. FATZINGER, assistant pathologist, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in Pennsylvania by the

eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State department of forests and waters, bureau of forest protection, and State department of agriculture, bureau of plant industry.

New Cumberland

Suboffice of Philadelphia, Pa., office, Division of Japanese Beetle Control.—Warehouse No. 4, United States General Army Depot. Telephone, Harrisburg 29366. F. G. WINN, field supervisor in insect control, in charge.

Enforcement of the Japanese beetle quarantine in central Pennsylvania, including supervision of inspection and certification, and nursery and greenhouse scouting. Corn borer inspection service is also maintained in the New Cumberland district.

In cooperation with the State department of agriculture.

Philadelphia

Office, Division of Foreign Plant Quarantines.—Room 601, Customhouse. Telephone, Market 6000, extension 24. R. D. KENNEDY, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Suboffice of New York office, Division of Domestic Plant Quarantines.—Room 601, New Customhouse. Telephone, Market 6000, extension 24. H. B. COLTON, agent, in charge.

Checking plant material in post offices and express stations for the enforcement of domestic plant quarantine regulations.

Office, Division of Japanese Beetle Control.—Frankford Arsenal, Bridge and Tacony Streets. Telephone, Delaware 3332. C. W. STOCKWELL, senior administrative officer, in charge.

General supervision of the operation of branch offices in the States listed below for Japanese beetle control activities, European corn borer, gypsy moth and brown-tail moth inspection and certification.

In cooperation with the States of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia.

Office, Division of Japanese Beetle Control.—Frankford Arsenal, Bridge and Tacony Streets. Telephone, Delaware 3332. G. B. STICHTER, agent, in charge.

Enforcement of the Japanese beetle quarantine in the eastern third of Pennsylvania, including supervision of inspection

and certification, and nursery and greenhouse scouting. A joint inspection service is also maintained in the Philadelphia area for corn borer.

In cooperation with the State department of agriculture.

Pittsburgh

Suboffice of New York office, Division of Domestic Plant Quarantines.—Room 438-L, Central Post Office Building. Telephone, Hemlock 7392. K. S. ROHWER, field assistant, in charge.

Transit inspection of express, parcel post, and freight moving from, to, and through Pittsburgh, for the enforcement of domestic plant quarantine regulations.

Office, Division of Japanese Beetle Control.—Room 438-K, New Post Office Building. Telephone, Grant 0-800, extension 396. J. K. GOULD, agent, in charge.

Enforcement of the Japanese beetle quarantine in the western third of Pennsylvania, including supervision of inspection and certification, and nursery and greenhouse scouting. Corn borer inspection service is also maintained in the Pittsburgh district.

In cooperation with the State department of agriculture.

State College

Office, Division of Plant Disease Control.—303 Botany Building. L. KENNETH WRIGHT, agent, in charge. Telephone, State College 711, extension 291.

Field direction and general supervision in Pennsylvania of cooperative program to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with the State college of agriculture, Pennsylvania State department of agriculture, and independent agricultural agencies.

Towanda

District office of Harrisburg, Pa., suboffice, Division of Plant Disease Control.—Room 8, Mercur Block. T. C. WILLIAMS, agent, in charge.

Cooperative control of white pine blister rust on important white pine areas in the Towanda district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Wilkes-Barre

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—354 North River Street. Telephone, Wilkes-Barre 30316. C. T. DAVIS, administrative assistant, in charge.

Field control office for the Pennsylvania infestation of the gypsy moth. The work covers the control and eradication of the moth in an area embracing some 1,020 square miles, together with the enforcement of State quarantine.

In cooperation with the State department of agriculture and department of forests and waters.

PUERTO RICO

Aquadilla

Suboffice of San Juan office, Division of Foreign Plant Quarantines.—AUGUSTIN COLLAZO, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the insular department of agriculture and commerce.

Arecibo

Suboffice of San Juan office, Division of Foreign Plant Quarantines.—LUIS F. CORREA, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the insular department of agriculture and commerce.

Arroyo

Suboffice of San Juan office, Division of Foreign Plant Quarantines.—EMILIO GAUTIER, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the insular department of agriculture and commerce.

Fajardo

Suboffice of San Juan office, Division of Foreign Plant Quarantines.—Customhouse, Fajardo Playa. J. A. MARTINEZ, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the insular department of agriculture and commerce.

Guanica

Suboffice of San Juan office, Division of Foreign Plant Quarantines.—N. A. SALA, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the insular department of agriculture and commerce.

Mayaguez

Laboratory, Division of Cotton Insect Investigations.—Puerto Rico Agricultural Experiment Station, Office of Experiment Stations, United States Department of Agriculture. Telephone, 1501. L. C. FIFE, junior entomologist, in charge.

Investigations of host plants, biology, and control of pink bollworm and West Indian blister mite.

Office, Division of Foreign Plant Quarantines.—107 Post Office Building. P. O. Box 911. G. A. PFAFFMAN, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines governing the movement of fruits and vegetables from Puerto Rico to the mainland.

Laboratory, Division of Fruit Fly Investigations.—Puerto Rico Agricultural Experiment Station, Office of Experiment Stations, United States Department of Agriculture. Telephone, 1501. L. C. McALISTER, JR., entomologist, in charge.

Investigations of the biology and host-fruit relations of the Puerto Rican fruit flies, their control in fruit by the vapor-heat process, and by refrigeration; their control by the use of sprays; and the use of bait materials for a measure of populations in groves.

In cooperation with the Puerto Rico Agricultural Experiment Station.

Ponce

Suboffice of San Juan office, Division of Foreign Plant Quarantines.—M. A. BOFILLI, collaborator, in charge.

Enforcement of foreign plant quarantines.

In cooperation with the insular department of agriculture and commerce.

San Juan

Office, Division of Foreign Plant Quarantines.—Room 323, Ochoa Building, No. 1 Comercio Street. P. O. Box 223. W. A. McCUBBIN, senior pathologist, in charge.

Supervision of the Division's activities in Puerto Rico, involving enforcement of foreign plant quarantines, enforcement of Quarantine No. 58, and inspection and certification of plants and plant products for export.

RHODE ISLAND

Providence

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—Room 310, State House. Telephone, Dexter 2360. A. C. WHITE, collaborator, in charge.

State leadership in cooperative control of white pine blister rust on important white pine areas in Rhode Island by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State department of agriculture and the State college, extension service.

SOUTH CAROLINA

Charleston

Office, Division of Foreign Plant Quarantines.—Room 16, Customhouse. Telephone, 116. R. W. NICASE, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Laboratory, Division of Truck Crop and Garden Insect Investigations.—South Carolina Truck Experiment Station, 7 miles west of Charleston on U. S. Highway No. 17. P. O. Box 324. Telephone, 731. W. J. REID, JR., assistant entomologist, in charge.

Investigations of cabbage insects, melon and pickle worms, and the seed corn maggot.

In cooperation with the State agricultural experiment station.

Florence

Laboratory, Division of Cotton Insect Investigations.—Pee Dee Substation of the South Carolina Agricultural Experiment Station, 2 miles north of Florence on U. S. Highway No. 601. P. O. Box 217. Telephone, 1286-J. F. F. BONDY, associate entomologist, in charge.

Boll weevil control under South Carolina conditions; methods of preventing or reducing arsenical injury to soils; boll weevil parasites; life history, habits, and control of root aphids and thrips on cotton.

In cooperation with the State agricultural experiment station.

Sublaboratory of Oxford, N. C., laboratory, Division of Truck Crop and Garden Insect Investigations.—Pee Dee substation of the South Carolina Agricultural Experiment

Station, 2 miles north of Florence on U. S. Highway No. 601. P. O. Box 217. Telephone, 1286-J. NORMAN ALLEN, assistant entomologist, in charge.

Investigations of insects affecting flue-cured tobacco.

In cooperation with South Carolina Agricultural Experiment Station.

Georgetown

Sublaboratory of Asheville, N. C., laboratory, Division of Forest Insect Investigations.—Box 107. H. R. JOHNSTON, junior entomologist, in charge.

A study of the control of white grubs in nurseries.

Spartanburg

Suboffice of Little Rock, Ark., office, Division of Domestic Plant Quarantines.—Rooms 201-202, Post Office Building. R. W. SANDERS, agent, in charge.

Supervision of activities for the control and prevention of spread of the phony peach disease in the State of South Carolina.

Cooperating with the State department of agriculture.

SOUTH DAKOTA

Brookings

Office, Division of Plant Disease Control.—Extension Building. Box 66, State College Station. Telephone, 331-R. GEORGE W. EADE, assistant pathologist, in charge.

Field direction of cooperative program in South Dakota to locate and destroy the common barberry, which spreads black stem rust to small-grain crops.

In cooperation with the State college of agriculture, State department of agriculture, and independent agricultural agencies.

TENNESSEE

Clarksville

Laboratory, Division of Truck Crop and Garden Insect Investigations.—642 Greenwood Avenue. P. O. Box 126. Telephone, 1168. L. B. SCOTT, assistant entomologist, in charge.

Investigations in the control of insects injurious to tobacco, including a study of the attraction of the tobacco hornworm moth to chemicals.

Knoxville

Suboffice of Richmond, Va., office, Division of Plant Disease Control.—Room 307, Federal Building. Telephone, 3-6451.
R. D. TANKSLEY, agent, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in Tennessee by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forester, State entomologist, and State department of agriculture.

TEXAS

Alamo

Suboffice of Pharr, Tex., office, Division of Mexican Fruit Fly Control.—Pony and Powers Building. F. W. HAUGHTON, agent, in charge.

Enforcement of quarantine regulations on the Mexican fruit fly.

Alpine

Office, Division of Pink Bollworm and Thurberia Weevil Control.—Fuller Building. P. O. Box 847. Telephone, 332. L. D. HARRIS, plant quarantine inspector, in charge.

Headquarters for pink bollworm operations in all western Texas under quarantine, except the El Paso Valley and the Texas Panhandle.

In cooperation with the State department of agriculture.

Arlington

Suboffice of Little Rock, Ark., office, Division of Domestic Plant Quarantines.—Rooms 201-202, Post Office Building. J. N. RUMPH, agent, in charge.

Supervision of activities for the control and prevention of spread of the phony peach and peach mosaic diseases in the State of Texas.

Cooperating with the State department of agriculture.

Beaumont

Sublaboratory of Manhattan, Kans., laboratory, Division of Cereal and Forage Insect Investigations.—Room 303, New Post Office Building, Broadway and Willow Streets. P. O. Box 2967. A. I. BALZER, assistant entomologist, in charge.

Investigations on the insects attacking stored rice in mills and warehouses.

In cooperation with the State agricultural experiment station.

Big Spring

Suboffice of Lubbock, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 269. G. W.

CHOWNS, associate plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas.

In cooperation with the State department of agriculture.

Brownfield

Suboffice of Lubbock, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 37. O. L. WALTON, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas.

In cooperation with the State department of agriculture.

Brownsville

Laboratory, Division of Cotton Insect Investigations.—1610 Lincoln Boulevard. Telephone, 1067. T. C. BARBER, assistant entomologist, in charge. (Open from December to March.)

Host plants of cotton flea hopper and related insects; winter conditions, life histories, abundance, parasites, and control of cotton insects in the lower Rio Grande Valley.

In cooperation with the State agricultural experiment station.

Office, Division of Mexican Fruit Fly Control.—Chamber of Commerce Building. P. O. Box 746. Telephone, 1100. A. V. SMITH, assistant plant quarantine inspector, in charge.

Enforcement of quarantine regulations on the Mexican fruit fly.

Office, Division of Foreign Plant Quarantines.—Federal Car Fumigation House. P. O. Box 909. Telephone, 315. O. D. DEPUTY, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Suboffice of McAllen, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—Route 2, Box 16. C. S. RUDE, assistant entomologist, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Brownwood

Laboratory, Division of Fruit Insect Investigations.—Highway 10, Jim Hogg Boulevard, just south of Brownwood water-pump station. Box 209. C. B. NICKELS, associate entomologist, in charge.

Investigations on pecan insects, including control of the pecan nut case bearer; biology and control of borers that attack top-worked pecan trees.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture.

College Station

Laboratory, Division of Cotton Insect Investigations.—Division of Entomology, Agricultural Experiment Station. P. O. Box 750, Bryan, Tex. Telephone, College 73. R. W. MORELAND, assistant entomologist, in charge.

Factors influencing abundance and damage to cotton and control of boll worm; boll weevil hibernation and parasite studies.

In cooperation with the State agricultural experiment station.

Dallas

Laboratory, Division of Insects Affecting Man and Animals.—1610 East Eighth Street. P. O. Box 208. E. W. LAAKE, senior entomologist, in charge.

Investigations of insects injurious to animals, especially the screwworm and related flies and the stable fly and horn fly. Studies in control of these pests by trapping, spraying, and other methods.

Del Rio

Office, Division of Foreign Plant Quarantines.—International Bridge. P. O. Box 208. H. M. CELY, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Office, Division of Screwworm Control.—310 Post Office Building. P. O. Box 985. KELVIN DORWARD, field assistant, in charge.

Supervision of screwworm control work in Texas to prevent or reduce losses of livestock from infestation and spread of the insect.

In cooperation with State and local agencies.

Donna

Office, Division of Mexican Fruit Fly Control.—106 South Fifth Street. P. O. Box 686. Telephone, 233. J. W. MONK, assistant plant quarantine inspector, in charge.

District inspection and enforcement of the quarantine regulations on the Mexican fruit fly.

Eagle Pass

Office, Division of Foreign Plant Quarantines.—Room 202 Federal Building. P. O. Box 438. Telephone, 52. G. H. RUSSELL, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Edinburg

Office, Division of Mexican Fruit Fly Control.—Chamber of Commerce Building. P. O. Box 1118. Telephone, 185. C. O. GINGRASS, agent, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Suboffice of McAllen, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 671, McAllen, Tex. J. C. GAY, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

El Paso

Office, Division of Foreign Plant Quarantines.—127 United States Courthouse. Telephone, Main 2993. T. A. ARNOLD, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Office, Division of Pink Bollworm and Thurberia Weevil Control.—206 United States Courthouse. Telephone, Main 3295. J. S. BROCK, plant quarantine inspector, in charge.

Pink bollworm quarantine operations in southern New Mexico to the eastern boundary of Chaves and Eddy Counties and the El Paso Valley of Texas.

In cooperation with the State departments of agriculture of Texas and New Mexico.

Fabens

Suboffice of El Paso, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 147. J. B. MOORE, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Falfurrias

Office, Division of Mexican Fruit Fly Control.—Courthouse Building. L. F. GREER, assistant plant quarantine inspector, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Fort Stockton

Suboffice of Alpine, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 627. F. M. WILSON, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Galveston

Office, Division of Foreign Plant Quarantines.—Room 204, New Federal Building, Twenty-fifth and F Streets. P. O. Box 177. Telephone, 2213. R. L. TRIGG, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Harlingen

Divisional headquarters, Mexican Fruit Fly Control.—503 Rio Grande National Life Building. Telephone, 591 and 592. P. A. HOIDALE, principal plant quarantine inspector, in charge.

Enforcement of the quarantine regulations on the Mexican fruit fly, involving the maintenance of a host-free period during the summer months, the inspection of about 8,000,000 citrus trees, the certification of fruits leaving the quarantined area, and the employment of other regulatory measures looking to the eradication of this pest in the United States.

In cooperation with the State department of agriculture.

Suboffice, Division of Mexican Fruit Fly Control.—421 South A Street. Telephone, 562. N. O. BERRY, associate entomologist, in charge.

Identification of fruit flies in connection with enforcement of Mexican fruit fly quarantine.

Office, Division of Mexican Fruit Fly Control.—509 Rio Grande National Life Building. Telephone, 592. W. R. HEARD, assistant plant quarantine inspector, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Suboffice of McAllen, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 406. E. HOBBS, JR., assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Warehouse and Mechanical Shop, Division of Mexican Fruit Fly Control.—420 South A Street. Telephone, 562. G. M. DOUGLAS, agent, in charge.

Warehouse and mechanical shop in connection with enforcement of Mexican fruit-fly quarantine.

Hidalgo

Office, Division of Foreign Plant Quarantines.—International Bridge. Telephone, 451-R. F. E. SWAN, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Houston

Office, Division of Domestic Plant Quarantines.—315 Citizens State Bank Building. Telephone, Preston 4453. R. N. DOPSON, JR., agent, in charge.

Eradication of citrus canker disease from areas in Texas and Louisiana.

In cooperation with the Texas State department of agriculture and the Louisiana department of agriculture and immigration.

Office, Division of Foreign Plant Quarantines.—224 Broadway. P. O. Box 685. Telephone, Wayside 3435. H. C. MILLENDER, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

La Feria

Office, Division of Mexican Fruit Fly Control.—119 North Main Street. P. O. Box 548. Telephone, 123. J. M. WORSHAM, agent, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Lamesa

Suboffice of Lubbock, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 422. G. E. ORR, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Laredo

Office, Division of Foreign Plant Quarantines.—Rooms 207 and 211, Federal Building. P. O. Box 277. Telephone, 862. J. B. R. LEARY, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Levelland

Suboffice of Lubbock, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 47. H. L. ALFORD, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Littlefield

Suboffice of Lubbock, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 325. C. C. WEIGLE, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Lubbock

Office, Division of Pink Bollworm and Thurberia Weevil Control.—209 Federal Building. P. O. Box 1615. Telephone, 293. H. B. PRICKETT, plant quarantine inspector, in charge.

Pink bollworm quarantine operations in the Texas Panhandle, embracing Andrews, Ector, Cochran, Gaines, Glass-

cock, Hockley, Howard, Martin, Midland, Terry, Yoakum, and parts of Bailey and Lamb Counties, Tex., and Lea and Roosevelt Counties, N. Mex.

In cooperation with the State departments of agriculture of Texas and New Mexico.

McAllen

Office, Division of Mexican Fruit Fly Control.—Chamber of Commerce Building. P. O. Box 1263. Telephone, 487. F. O. SWAN, assistant plant quarantine inspector, in charge.

District enforcement of quarantine regulations on the Mexican fruit fly.

Office, Division of Pink Bollworm and Thurberia Weevil Control.—Room 11, Nassar Building. P. O. Box 671. Telephone, 663. D. M. McEACHERN, plant quarantine inspector, in charge.

Headquarters for pink bollworm quarantine operations in the lower Rio Grande Valley, embracing Cameron, Hidalgo, Starr, and Willacy Counties, Tex.

In cooperation with the State department of agriculture.

Menard

Laboratory, Division of Insects Affecting Man and Animals.—P. O. Box 487. ROY MELVIN, associate entomologist, in charge.

Studies of screwworms and related flies under range conditions.

Mercedes

Office, Division of Mexican Fruit Fly Control.—403 Third Street. Telephone, 305. W. W. DECELL, assistant plant quarantine inspector, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Office, Division of Foreign Plant Quarantines.—Thayer International Bridge. Telephone, 6010-F2. L. R. DORLAND, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Midland

Suboffice of Lubbock, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 1676. W. C. MAXWELL, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Mission

Office, Division of Mexican Fruit Fly Control.—Old Express Office. P. O. Box 845. Telephone, 488. L. G. PLYLER, assistant plant quarantine inspector, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Suboffice of McAllen, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 671, McAllen, Tex. L. B. COFFIN, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Pecos

Suboffice of Alpine, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—306 Federal Building. P. O. Box 188. Telephone, 57. H. J. HENDERSON, assistant plant quarantine inspector, in charge.

Quarantine operations against the pink bollworm in the Pecos Valley of Texas.

In cooperation with the State department of agriculture.

Pharr

Office, Division of Mexican Fruit Fly Control.—City Hall Building. P. O. Box 400. Telephone, 15. W. P. PATTON, agent, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Port Arthur

Office, Division of Foreign Plant Quarantines.—Room 618, Adams Building. P. O. Box 197. Telephone, 3194. W. H. BASKIN, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Port Lavaca

Laboratory, Division of Cotton Insect Investigations.—First State Bank Building, North and Colorado Streets. P. O. Box J. Telephone, S. K. P. EWING, associate entomologist, in charge.

Cotton flea hopper; life history, host plants, control by insecticides and cultural practices; parasites of the boll weevil.

In cooperation with the State agricultural experiment station.

Presidio

Laboratory, Division of Cotton Insect Investigations.—Wilson Street, one and one-half blocks south of O'Reilly Street. Reached by Southern Pacific Railroad to Marfa, Tex., and thence 65 miles south by bus to Presidio. P. O. Box 879. Telephone, 14. A. J. CHAPMAN, associate entomologist, in charge.

Pink bollworm; introduction and colonization of foreign parasites; study of abundance, distribution, host relationships, and usefulness of native parasites; control by insecticides; cultural control; hibernation; and relation of temperature and moisture to survival.

In cooperation with the State agricultural experiment station and the Bureau of Plant Industry, United States Department of Agriculture.

Office, Division of Foreign Plant Quarantines.—Customhouse. J. H. RUSSELL, junior plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Suboffice of Alpine, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 928. M. E. CURRIE, JR., agent, in charge.

Quarantine operations against the pink bollworm in the Presidio section of the Big Bend and Ojinaga, Chihuahua, Mexico.

In cooperation with the State department of agriculture.

Raymondville

Office, Division of Mexican Fruit Fly Control.—Chamber of Commerce Building. P. O. Box 371. Telephone, 73. J. K. SMITH, agent, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

Suboffice of McAllen, Tex., office, Division of Pink Bollworm and Thurberia Weevil Control.—P. O. Box 406, Harlingen, Tex. W. E. GASSETT, chief scientific aide, in charge.

Quarantine operations against the pink bollworm in Texas. In cooperation with the State department of agriculture.

Roma

Office, Division of Foreign Plant Quarantines.—International Bridge, P. O. Box 126. Telephone, 2. A. A. STALMACH, assistant plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

San Antonio

Laboratory, Division of Bee Culture.—State Agricultural Research Laboratory, Route No. 1, Box 368. H. B. PARKS, collaborator, in charge.

Investigations on the resistance of honeybees to American foulbrood, with particular reference to the production of queens.

In cooperation with the Texas Agricultural Experiment Station.

Divisional Headquarters, Division of Pink Bollworm and Thurberia Weevil Control.—Room 565 United States Post Office and Courthouse, P. O. Box 798. Telephone, Fannin 8721. R. E. McDONALD, principal administrative officer, in charge.

Supervision of all district and subdistrict offices and all quarantine and control work incident to the administration of the pink bollworm and Thurberia weevil quarantines.

In cooperation with the State departments of agriculture of the States concerned.

Divisional headquarters, Division of Screwworm Control.—1010 Travis Building. Telephone, Fannin 7911. W. E. DOVE, principal entomologist, in charge.

Direction of control work to prevent or reduce losses resulting from screwworm infestation in livestock and as far as possible to restrict the spread of this insect into territory not heretofore invaded. This is done by more firmly establishing good methods of preventing infestation and the proper treatment by stockmen of usual cases in animals.

In cooperation with State and local agencies.

San Benito

Office, Division of Mexican Fruit Fly Control.—Federal Building, P. O. Box 7. Telephone, 50. A. THOMAE, assistant plant quarantine inspector, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

San Juan

Suboffice of Pharr, Tex., office, Division of Mexican Fruit Fly Control.—BURL STUGARD, agent, in charge.

Enforcement of quarantine regulations on the Mexican fruit fly.

Sonora

Laboratory, Division of Insects Affecting Man and Animals—
P. O. Box 407. Telephone, 119. O. G. BABCOCK, assistant entomologist, in charge.

Investigations of goat lice, the screwworm, and the sheep head bot.

In cooperation with the Texas Agricultural Experiment Station.

Uvalde

Laboratory, Division of Insects Affecting Man and Animals.—
224 Mulberry Street. P. O. Box 509. D. C. PARMAN, associate entomologist, in charge.

Investigations of screwworms and blowflies, with special attention to parasites and predators; effect of climatological and ecological conditions on these; chemotropism of blowflies; eye gnat investigations, biology, and control.

Weslaco

Office, Division of Mexican Fruit Fly Control.—120 East Fifth Street. Telephone, 224. E. F. PEPPER, assistant plant quarantine inspector, in charge.

District inspection and enforcement of quarantine regulations on the Mexican fruit fly.

UTAH

Logan

Laboratory, Division of Truck Crop and Garden Insect Investigations.—224 Administration Building, Utah State Agricultural College. Telephone, 100, extension 73. H. E. DORST, junior entomologist, in charge.

Investigations on the beet leafhopper as a pest of beets, tomatoes, and other crops, and on the tomato fruit worm.

In cooperation with the Utah Agricultural Experiment Station.

Saint George

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Saint George, Utah. P. O. Box 643. Telephone, 206. E. W. DAVIS, assistant entomologist, in charge.

Investigations on insects affecting sugar beets grown for seed.

Salt Lake City

Laboratory, Division of Cereal and Forage Insect Investigations.—Room 481 Federal Building. Telephone, Wasatch 3980, extension 214. JOHN C. HAMLIN, senior entomologist, in charge.

A study of the alfalfa weevil to discover a means of forecasting and possibly preventing periodic outbreaks; the adaptation of known means of control to newly infested areas and the adaptation of cutting practice for weevil control; investigations of liability of transportation of the alfalfa weevil through movement of hay and other products.

In cooperation with the Utah, Wyoming, California, Colorado, Idaho, Nebraska, Nevada, and Oregon Agricultural Experiment Stations.

VERMONT

Bellows Falls

District office of Montpelier, Vt., suboffice, Division of Plant Disease Control.—Room 253, Post Office Building. Telephone, 84-MK. F. H. ROSE, chief scientific aide, in charge.

Cooperative control of white pine blister rust on important white pine areas in the Bellows Falls district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other agencies.

Montpelier

Suboffice of Cambridge, Mass., office, Division of Plant Disease Control.—Vermont Forest Service, 89 State Street. Telephone, 1245, extension 32. S. D. CONNER, assistant pathologist, in charge.

Cooperative control of white pine blister rust on important white pine areas in Vermont by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forest service and the State agricultural college, extension division.

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—Office of Department Entomologist, Department of Agriculture. State House. Telephone, 1500, extension 64. HAROLD L. BAILEY, collaborator, in charge.

State leadership in cooperative control of the brown-tail moth in Vermont.

Rutland

Suboffice of Greenfield, Mass., office, Division of Gypsy and Brown-tail Moth Control.—110 Woodstock Avenue. P. O. Box 283. Telephone, 2373-J. H. N. BEAN, principal scientific aide, in charge.

Supervision of scouting and control work against the gypsy moth in Vermont.

In cooperation with the State of Vermont.

District office of Montpelier, Vt., suboffice, Division of Plant Disease Control.—Federal Building. M. R. MULHOLLAND, agent, in charge.

Cooperative control of white pine blister rust on important white pine areas in the Rutland district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

St. Johnsbury

District office of Montpelier, Vt., suboffice, Division of Plant Disease Control.—State Armory, Main Street. E. H. PALMER, agent, in charge.

Cooperative control of white pine blister rust on important white pine areas in the St. Johnsbury district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

VIRGINIA

Arlington

Laboratory, Division of Cereal and Forage Insect Investigations.—Arlington Experiment Farm. Telephone, District 6350, extension 8577. F. W. POOS, JR., senior entomologist, in charge.

Transmission of Stewart's disease of corn and diseaseslike injury caused by the insects affecting cereal and forage crops

is being studied. The corn earworm, wheat jointworms, and leafhoppers on peanuts are under investigation.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture, State universities, and State experiment stations.

Blacksburg

Office, Division of Plant Disease Control.—500 Agricultural Hall, Virginia Polytechnic Institute. Telephone, 4211. G. E. MATHENY, associate pathologist, in charge.

Field direction and general supervision of cooperative program in Virginia to locate and destroy the native barberry, which spreads black stem rust to small-grain crops.

In cooperation with the Virginia Polytechnic Institute, State department of agriculture, and independent agricultural agencies.

Charlottesville

Suboffice of Richmond, Va., office, Division of Plant Disease Control.—State Forester's Office, Cabell Hall, University of Virginia. P. O. Box 1368. Telephone, 198. J. G. LUCE, JR., agent, in charge.

Cooperative control of white pine blister rust on important white pine areas in Virginia by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State forester and the State entomologist.

Newport News

Suboffice of Norfolk, Va., office, Division of Foreign Plant Quarantines.—Room 26, Post Office and Courthouse. Telephone, 2457. J. N. SMITH, junior plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Norfolk

Office, Division of Foreign Plant Quarantines.—Room 217, United States Post Office and Courthouse. Telephone, 4-4244. G. GAY, associate plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Sublaboratory of Columbus, Ohio, laboratory, Division of Truck Crop and Garden Insect Investigations.—Virginia Truck Experiment Station. P. O. Box 267. Telephone, Juniper 28-F-2. L. W. BRANNON, assistant entomologist, in charge.

Investigations of the Mexican bean beetle, bean leaf beetle, and the corn earworm as a pest of beans.

In cooperation with the Virginia Truck Experiment Station.

Suboffice of Richmond, Va., office, Division of Japanese Beetle Control.—Room 217, Post Office and Courthouse. Telephone, 4-4244. W. L. CASKEY, junior plant quarantine inspector, in charge.

Enforcement of the Japanese beetle quarantine in the counties of Elizabeth City, Nansemond, Norfolk, Princess Anne, and Warwick, including inspection and certification service, and supervision of nursery and greenhouse scouting. In cooperation with the State department of agriculture and immigration.

Onley

Sublaboratory of Toledo, Ohio, laboratory, Division of Cereal and Forage Insect Investigations.—Virginia Truck Experiment Station, Box 133. Telephone, Onancock 16-F-22. D. W. JONES, entomologist, in charge.

Investigations on the European corn borer.

In cooperation with the Virginia Truck Experiment Station.

Richmond

Office, Division of Japanese Beetle Control.—Room 1005, Grace-American Building, Fourth and Grace Streets. Telephone, 3-5450. H. B. WARD, agent, in charge.

Enforcement of the Japanese beetle quarantine in Virginia and the District of Columbia, including supervision of inspection and certification, and nursery and greenhouse scouting. Inspection and certification for European corn borer. In co-operation with the State department of agriculture and immigration.

Office, Division of Plant Disease Control.—Room 803, Grace-American Building, Fourth and Grace Streets. Telephone, 3-4594. R. G. PIERCE, pathologist, in charge.

Field direction and general supervision of cooperative program to establish and maintain control of the white pine blister rust disease in important white pine areas in the Southern Appalachian States by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and the National Park Service, the States of Georgia, Kentucky, Mary-

land, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia.

Office, Division of Truck Crop and Garden Insect Investigations.—17 North Boulevard. Telephone, 5-6865. W. D. REED, associate entomologist, in charge.

Investigations of insects affecting stored tobacco.

WASHINGTON

Bellingham

Office, Division of Foreign Plant Quarantines.—Room 354 Federal Building. P. O. Box 994. J. W. STANTON, junior plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Blaine

Office, Division of Foreign Plant Quarantines.—Pacific Highway Customs Station, Drawer O. W. A. HARVISON, junior plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Puyallup

Laboratory, Division of Truck Crop and Garden Insect Investigations.—2102 Southeast Meridian Avenue. P. O. Box 30. Telephone, 484. W. W. BAKER, junior entomologist, acting in charge.

Investigations of the European earwig and berry insects, including the red berry mite and raspberry fruit worm.

Seattle

Office, Division of Foreign Plant Quarantines.—422 Federal Office Building. Telephone, Elliott 0409. A. G. WEBB, plant quarantine inspector, in charge.

Enforcement of foreign plant quarantines and inspection and certification of plants and plant products for export.

Office, Division of Foreign Plant Quarantines.—Room 422 Federal Office Building. Telephone, Elliott 0409. L. M. SCOTT, associate plant quarantine inspector, in charge.

Supervision of export certification in the Western States.

Spokane

Office, Division of Plant Disease Control.—618 Realty Building.
Telephone, Main 1381. H. E. SWANSON, senior pathologist,
in charge.

Field direction and general supervision of cooperative program to establish and maintain control of the white-pine blister rust disease in important white-pine areas in the western white-pine region of Washington, Idaho, and Montana, also in the Rocky Mountain region of Wyoming and Colorado, by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and National Park Service, the States of Colorado, Idaho, Montana, Washington, and Wyoming, and the timber protective associations, pine owners, and other local agencies.

Sumner

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Grounds of Pierce County Farm, 1½ miles from the center of Sumner. P. O. Box 458. C. F. DOUCETTE, associate entomologist, in charge.

Investigations of the bulb insects and bulb nematode and the vectors of narcissus mosaic.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture.

Walla Walla

Laboratory, Division of Truck Crop and Garden Insect Investigations.—Three miles west of Walla Walla on Wallula Road. P. O. Box 616. Telephone, 1050. M. C. LANE, entomologist, in charge.

Headquarters for wireworm investigations of the Northwest; investigations of wireworms on irrigated land.

Yakima

Laboratory, Division of Fruit Insect Investigations.—301 North Second Street. P. O. Box 243. Telephone, 6444. E. J. NEWCOMER, senior entomologist, in charge.

Investigation on apple insects; testing of insecticides for codling moth control in relation to the residue problem; studies of bait materials and of bait traps, and banding.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture, and State agricultural experiment station.

Laboratory, Division of Insecticide Investigations.—301 North Second Street. P. O. Box 234. Telephone, 6444. C. W. MURRAY, associate chemist, in charge.

Determination of residues from sprays containing lead, arsenic, fluorine, and other insecticides; spray residue removal by chemical means; field studies of new insecticides. General chemical assistance to cooperating entomologists.

In cooperation with the Bureau of Plant Industry, United States Department of Agriculture.

WEST VIRGINIA

Clarksburg

Suboffice of Baltimore, Md., office, Division of Japanese Beetle Control.—County agent's office, Courthouse Building. Telephone, Clarksburg 4140, extension 26. M. B. WOODSON, agent, in charge.

Enforcement of the Japanese beetle quarantine in West Virginia, including supervision of inspection and certification, and nursery and greenhouse scouting. Corn-borer inspection service is also maintained in this area.

In cooperation with the State department of agriculture.

Kearneysville

Laboratory, Division of Fruit Insect Investigations.—West Virginia University Experiment Farm. Telephone, Shepherdstown 138-14. E. GOULD, agent, in charge.

Codling moth investigations.

In cooperation with the West Virginia Agricultural Experiment Station.

Marlinton

Suboffice of Richmond, Va., office, Division of Plant Disease Control.—County Courthouse. Telephone, 12-2. J. M. ASHCROFT, agent, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in West Virginia by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the State conservation commission and the State department of agriculture.

Morgantown

Office, Division of Plant Disease Control.—247 Willey Street.
P. O. Box 756. Telephone, 916. T. VAN ZANDEN, agent, in charge.

Field direction and general supervision of cooperative program to locate and destroy the common and native barberry which spreads black stem rust to small-grain crops in West Virginia.

In cooperation with the College of Agriculture, University of West Virginia, State department of agriculture, and independent agricultural agencies.

WISCONSIN

Madison

Laboratory, Division of Bee Culture.—University of Wisconsin. L. J. COLE, Genetics Building, and H. F. WILSON, Old Soils Building, collaborators, in charge. Telephone, Badger 580.

Investigations on the resistance of honeybees to American foulbrood, with particular reference to breeding and genetics.

In cooperation with the Wisconsin agricultural experiment station.

Laboratory, Division of Cereal and Forage Insect Investigations.—105 King Hall, University of Wisconsin. Telephone, 210, University exchange. T. R. CHAMBERLIN, associate entomologist, in charge.

Life history and ecology of white grubs.

In cooperation with the Wisconsin Agricultural Experiment Station.

Office, Division of Plant Disease Control.—Room 10, Post Office Building. Telephone, Fairchild 5450. V. O. TAYLOR, associate pathologist, in charge.

Field direction and general supervision of cooperative program in Wisconsin to locate and destroy the common barberry which spreads black stem rust to small-grain crops.

In cooperation with the College of Agriculture, University of Wisconsin, State department of agriculture and markets, and independent agricultural agencies.

Suboffice of Milwaukee, Wis., office, Division of Plant Disease Control.—Room 9, West, State Capitol. Telephone, Badger 5100. T. F. KOUBA, associate pathologist, in charge.

State leadership in cooperative control of white-pine blister rust on important white-pine areas in Wisconsin by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and Indian Service, the State department of agriculture, and the State conservation department.

Laboratory, Division of Truck Crop and Garden Insect Investigations.—In rear of old Entomology Building, 1532 University Avenue. Telephone, Badger 580, extension 181. J. E. DUDLEY, JR., entomologist, in charge.

Investigations of the pea aphid.

In cooperation with the college of agriculture, University of Wisconsin.

Menomonie

District office of Madison, Wis., suboffice, Division of Plant Disease Control.—First National Bank Building. E. W. CLEASBY, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Menomonie district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

Milwaukee

Laboratory, Division of Forest Insect Investigations.—Forest Service, Federal Building. ROY H. NAGEL, associate entomologist, acting in charge.

Investigations of spruce budworm, larch sawfly, jack-pine sawfly, forest tent caterpillar, white grubs in forest nurseries and plantations, and other studies.

In cooperation with Forest Service, United States Department of Agriculture, University of Michigan, and University of Minnesota.

Office, Division of Plant Disease Control.—United States Appraiser's Stores Building. P. O. Box 474. Telephone, Broadway 8600, extension 293. H. N. PUTNAM, senior pathologist, in charge.

Field direction and general supervision of cooperative program to establish and maintain control of the white-pine blister rust disease in important white-pine areas in the Lake and Central States by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with the Federal Forest Service and the Indian Service, and the States of Iowa, Michigan, Minnesota, Ohio, Illinois, Indiana, and Wisconsin.

Stevens Point

District office of Madison, Wis., suboffice, Division of Plant Disease Control.—424 Church Street. Telephone, 1230J. R. WEBER, assistant pathologist, in charge.

Cooperative control of white-pine blister rust on important white-pine areas in the Stevens Point district by the eradication of wild and cultivated currant and gooseberry plants.

In cooperation with counties, townships, pine owners, and other local agencies.

WYOMING

Laramie

Laboratory, Division of Bee Culture.—Engineering Building, University of Wyoming. Mailing address: Engineering Shops, University of Wyoming. A. P. STURTEVANT, apiculturist, in charge.

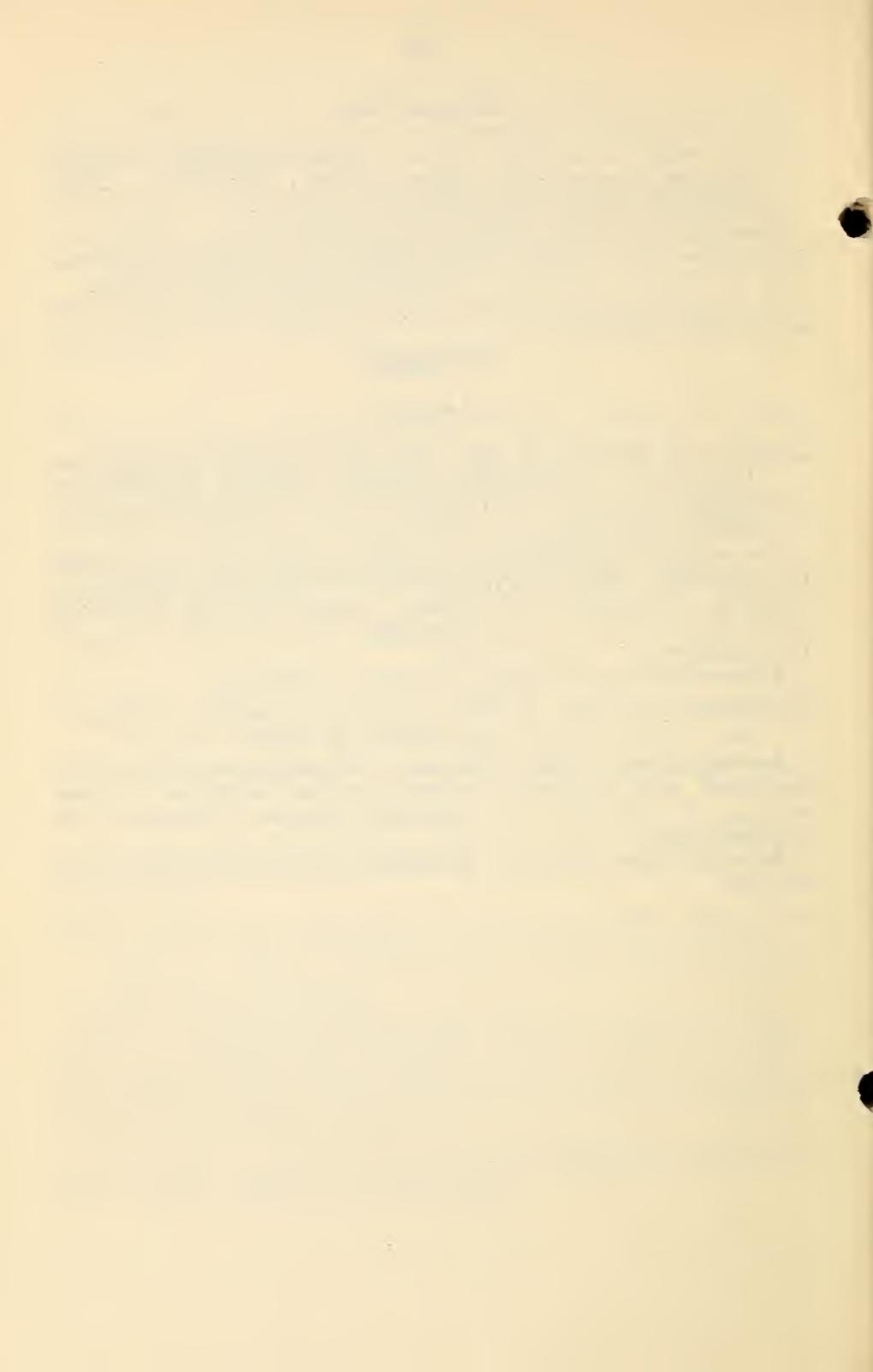
Research on intermountain methods of beekeeping, principles of wintering, spread of American foulbrood in commercial apiaries, development of colonies, studies on the abnormal supersedure of queens, and resistance of honeybees to American foulbrood.

In cooperation with the University of Wyoming.

Laboratory, Division of Bee Culture.—University of Wyoming. C. H. GILBERT, collaborator, in charge.

Investigations on the resistance of honeybees to American foulbrood with particular reference to the habits of various strains of honeybees as affecting disease tolerance and susceptibility.

In cooperation with the Wyoming Agricultural Experiment Station.



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